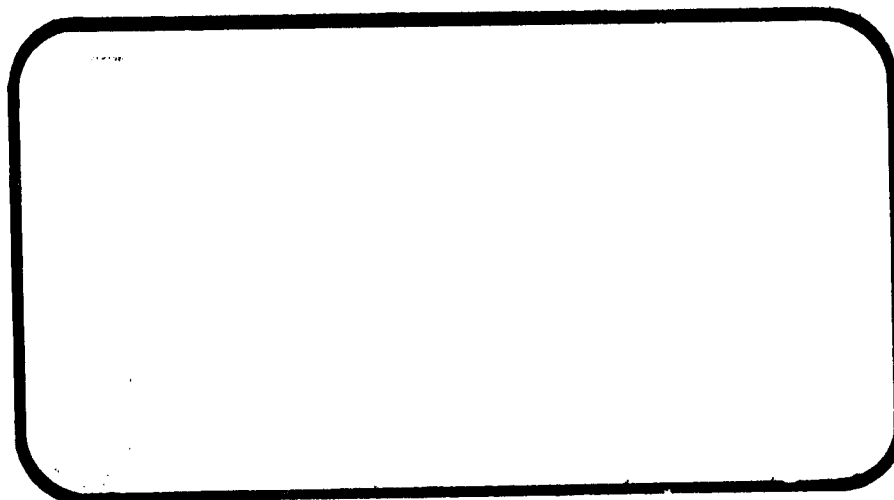




NATIONAL AERONAUTICS AND SPACE ADMINISTRATION



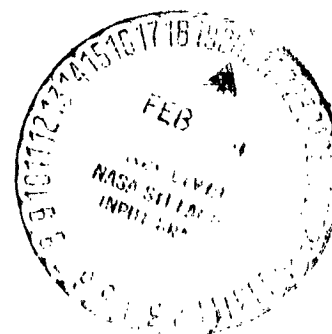
NASA-CR-128794-Vol-9) RESULTS OF TESTS
OA12 AND IA9 IN THE AMES RESEARCH CENTER
UNITARY PLAN WIND TUNNELS ON AN
C.C30-SCALE MODEL OF THE SPACE (Chrysler
Corp.) 1294 n HC \$66.75

N74-16555

Unclas
CSCS 22B G3/31 28594

SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT



JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANAGEMENT services

SPACE DIVISION



CHRYSLER
CORPORATION

October, 1973

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NASA CR-128,794

VOLUME 9 OF 18

RESULTS OF TESTS OAL2 AND IA9 IN THE
AMES RESEARCH CENTER UNITARY PLAN WIND TUNNELS
ON AN 0.030-SCALE MODEL OF THE SPACE SHUTTLE
VEHICLE 2A TO DETERMINE AERODYNAMIC LOADS

By

R. H. Spangler
Rockwell International

Prepared under NASA Contract Number NAS9-13247

By

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New Orleans, Louisiana 70189

for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WING TUNNEL TEST SPECIFICS:

Test Numbers: ARC 11-707 (A)
 ARC 97-707 (B)
 ARC 87-707 (C)
NASA Series Numbers: IA9A, B, C and
 OAL2A, C
Test Date: 2 April - 17 May, 1973

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Chrysler Corporation Space Division Assumes no responsibility for the data presented herein other than its display characteristics.

RESULTS OF TESTS OA12 AND IA9 IN THE
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ON AN 0.030-SCALE MODEL OF THE SPACE SHUTTLE
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ABSTRACT

Tests were conducted in the NASA/ARC Unitary Plan Wind Tunnels during April and May 1973, on an 0.030-scale replica of the Space Shuttle Vehicle Configuration 2A. Aerodynamic loads data were obtained at Mach numbers from 0.6 to 3.5.

The investigation included Tests IA9A, B and C on the integrated (launch) configuration and Tests OA12A and C on the isolated orbiter (entry configuration). The integrated vehicle was tested at angles of attack and sideslip from -8 degrees to +8 degrees. The isolated orbiter was tested at angles of attack from -15 degrees to +40 degrees and angles of sideslip from -10 degrees to +10 degrees as dictated by trajectory considerations. The effects of orbiter/external tank incidence angle and deflected control surfaces on aerodynamic loads were also investigated.

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INTRODUCTION

The 0.030-scale Aero Loads Space Shuttle model was tested in the Unitary Plan Wind Tunnel at ARC starting April 2, and continuing through May 17, 1973 as follows:

IA9A	11-foot Transonic	April 2 to April 14, 1973
OAL2A	11-foot Transonic	April 16 to April 29, 1973
IA9C	8x7-foot Supersonic	April 23 to May 1, 1973
OAL2C	8x7-foot Supersonic	May 2 to May 8, 1973
IA9B	9x7-foot Supersonic	May 9 to May 17, 1973

The testing was conducted in all three legs of the Unitary Plan Wind Tunnels to obtain a Mach number range from 0.6 to 3.5. Aerodynamic loads data were obtained for the ascent and entry configurations. The effects of control surface deflections were also investigated.

This report consists of 3 volumes of force data and 15 volumes of pressure data for a total of 18 volumes arranged in the following manner:

VOLUME NO.

CONTENTS

- | | |
|----|---|
| 1 | IA9A force data |
| 2 | IA9B and IA9C force data |
| 3 | OAL2A and OAL2C force data |
| 4 | IA9A plotted pressure data |
| 5 | IA9B and IA9C plotted pressure data |
| 6 | OAL2A and OAL2C plotted pressure data |
| 7 | IA9A tabulated pressure data <ul style="list-style-type: none"> (a) orbiter fuselage (b) orbiter base (c) upper MPS nozzle |
| 8 | IA9A tabulated pressure data <ul style="list-style-type: none"> (a) OMS nozzle (b) body flap (c) OMS pod outside (d) lower wing surface |
| 9 | IA9A tabulated pressure data <ul style="list-style-type: none"> (a) upper wing surface (b) left vertical tail surface (c) right vertical tail surface (d) APU inlet (e) SRM booster base |
| 10 | IA9A tabulated pressure data <ul style="list-style-type: none"> (a) SRM booster (b) external tank (c) external tank base |

INTRODUCTION (CONTINUED)

- 11 IA9B tabulated pressure data
 - (a) orbiter fuselage
 - (b) orbiter base
 - (c) upper MPS nozzle
 - (d) OMS nozzle
 - (e) body flap
 - (f) OMS pod outside
 - (g) lower wing surface
- 12 IA9B tabulated pressure data
 - (a) upper wing surface
 - (b) left vertical tail surface
 - (c) right vertical tail surface
 - (d) APU inlet
 - (e) SRM booster base
 - (f) SRM booster
 - (g) external tank
 - (h) external tank base
- 13 IA9C tabulated pressure data
 - (a) orbiter fuselage
 - (b) orbiter base
 - (c) upper MPS nozzle
 - (d) OMS nozzle
 - (e) body flap
 - (f) OMS pod outside
- 14 IA9C tabulated pressure data
 - (a) lower wing surface
 - (b) upper wing surface
 - (c) left vertical tail surface
 - (d) right vertical tail surface
- 15 IA9C tabulated pressure data
 - (a) APU inlet
 - (b) SRM booster base
 - (c) SRM booster
 - (d) external tank
 - (e) external tank base
- 16 OA12A tabulated pressure data
 - (a) orbiter fuselage
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 - (e) body flap
 - (f) OMS pod outside

INTRODUCTION (CONCLUDED)

- 17 OA12A tabulated pressure data
 - (a) lower wing surface
 - (b) upper wing surface
 - (c) left vertical tail surface
 - (d) right vertical tail surface
 - (e) APU inlet
- 18 OA12C tabulated pressure data
 - All components

NOMENCLATURE
General

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
a		speed of sound; m/sec, ft/sec
C_p	C_P	pressure coefficient; $(p_1 - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m^2 , psf
q	$Q(NSM)$ $Q(PSF)$	dynamic pressure; $1/2\rho V^2$, N/m^2 , psf
Re/L	Re/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3 , slugs/ft ³

Reference & C.G. Definitions

A_b		base area; m^2 , ft^2
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
$\frac{l_{REF}}{c}$	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m^2 , ft^2
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

NOMENCLATURE (Continued)

Body-Axis System

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/qS$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
C_l	CEL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$

Stability-Axis System

C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{D_b}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{D_f}	CDF	forebody drag coefficient; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_m	CIM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
C_l	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$
L/D	L/D	lift-to-drag ratio; C_L/C_D
L/D _f	L/DF	lift to forebody drag ratio; C_L/C_{D_f}

NOMENCLATURE (CONTINUED)

ADDITIONS TO STANDARD LIST

<u>SYMBOL</u>	<u>PLOT SYMBOL</u>	<u>DEFINITION</u>
δ_R	RUDDER	rudder, surface deflection angle, positive deflection, trailing edge to the left; degrees.
δ_e	ELEVON	elevon, surface deflection angle, positive deflection, trailing edge down; degrees.
δ_{RF}	RUDEFLR	rudder flare, split rudder deflection angle, left split rudder trailing edge left and right split rudder trailing edge right, $\delta_{RF} = (\delta_{RL} + \delta_{RR})/2$, positive deflection; degrees.
i_o	ORBINC	incidence angle between the orbiter and external tank, $i_o = \alpha_t - \alpha_b$; degrees.
β_T	BETAT	angle of sideslip of external tank.
α_T	ALPHAT	angle of attack of external tank.
l_B	LB	length of orbiter body; in.
l_T	LT	length of external tank; in.
l_s	LS	length of SRM booster; in.
l_{NM}	LNM	length of OMS nozzle, positive direction forward of exit plane; in.
l_{NP}	LNP	length of MPS nozzle, positive direction forward of exit plane; in.
$b/2$	BW	wing semi-span; in.
b_v	BV	vertical tail span; in.
x	X	distance from component nose; in.
y	Y	lateral distance from centerline; in.

NOMENCLATURE (CONCLUDED)

<u>SYMBOL</u>	<u>PLOT SYMBOL</u>	<u>DEFINITION</u>
z	Z	vertical distance measured from W.L. 500 (vertical tail reference root chord); in.
c_w	CW	local wing chord; in.
c_v	CV	local vertical tail chord; in.
x/ℓ_B	X/LB	longitudinal position/orbiter body length.
x/ℓ_T	X/LT	longitudinal position/external tank length.
x/ℓ_S	X/LS	longitudinal position/booster length.
x/ℓ_{NM}	X/LNM	longitudinal position/OMS nozzle length.
x/ℓ_{NP}	X/LNP	longitudinal position/MPS nozzle length.
x/c_w	X/CW	local chordwise position/local wing chord length.
x/c_v	X/CV	local chordwise position/local vertical tail chord length.
$y/b/2$	Y/BW	local spanwise position/wing semi-span.
z/b_v	Z/BV	local spanwise position/vertical tail span.

CONFIGURATIONS INVESTIGATED

The 0.030-scale aero loads model was a replica of the Space Shuttle Vehicle 2A. It consisted of four major components: the orbiter, the external oxygen and hydrogen tank (ET) and two solid rocket boosters (SRB).

On the ascent configuration, the orbiter was strut mounted from the ET on a Task Corporation MK XVI 2.5-inch diameter internal balance. The left SRB was strut mounted from the ET on a Task Corporation MK XXII 1.5-inch diameter internal balance. No attempt was made to simulate actual inter-attachments. The ET was sting mounted to the tunnel model support system on a Task Corporation 4.0-inch diameter internal balance. The right SRB was strut mounted symmetrically to the left side, but did not contain a balance. The orbiter configuration, designated as O₂A, consisted of B10C5D7W87V5R5M3F4.

The entry configuration consisted of the isolated orbiter, sting mounted to the tunnel model support system on a Task Corporation MK XXA 2.5-inch diameter internal balance. Midway through the OAL20 test, the MK XXA balance was damaged and was replaced by the MK XXB for the high angles of attack. The orbiter was provided with deflectable elevons by means of interchangeable brackets, deflectable rudder by means of a pin-indexed hinge, and interchangeable rudders to obtain different speed brake flare angles. The main propulsion system engines were removed during entry configuration testing to provide sting clearance. A cover plate was provided for the strut clearance hole.

The orbiter was instrumented with 374 pressure orifices on the left wing, left side of the fuselage, vertical tail, left OMS pod and engine, left and upper MPS engine and the base. The pressures were measured using eleven Scanivalve, Inc., S-type valve modules mounted internally (a five and a six gang unit). When tested in the entry configuration, the MPS pressures were not available for measurement.

The left side of the ET was instrumented with 136 pressure orifices. These pressures were measured by means of 7 Scanivalve, Inc., S-type valve modules configured as one unit of 6 modules and one single. These valves were mounted internally in the tank. The left SRB had one gang of six S-type modules to measure 102 pressures. The right SRB was not instrumented. The pressure transducers used in the valve modules were Statham LM 131 TC differential pressure transducers, with ranges of ± 10 psid, ± 12.5 psid and ± 15 psid. Reference and calibration pressures were measured by the ARC micro manometers.

Some modifications were made to the model at the test site prior to

CONFIGURATIONS INVESTIGATED (CONTINUED)

testing. These were as follows:

1. The forward tip of the ET containing the retro rocket package (Reference NR Drawing VL/8-000018) was replaced with a flush 0.90 inch radius nose (Model scale). The new nose had five pressure taps; one in the nose and four more aft of the nose on the vertical and horizontal axis on a 0.315 inch radius.
2. The ET balance cavity was enlarged by one inch on the diameter (from 5 inches to 6 inches) to provide clearance for cable routing and eliminate balance interference.
3. The clearances around both the orbiter and the SRB struts were opened to approximately 1/8 inch to prevent interference.
4. An alternate rudder hinge pin was provided to give a rudder deflection of +15 degrees.

Before and during the tests various model discrepancies developed or were discovered. These were generally minor and had only a negligible, if any, effect on the data. Significant discrepancies are noted below:

1. Pressure orifices P171 and P173 on the OMS pod base were omitted.
2. During the test certain pressure taps developed leaks or became plugged. Data from these taps are questionable and should be used with caution. Difficulties in checking may have resulted in erroneous indications of leakage. Repairs were made to correct leaking or plugged pressure instrumentation, whenever possible, as the test progressed. The following list gives those taps that were indicated as bad on the various leak and response checks:

ARC Facility	Run Nos.	Orifice numbers with questionable pressure data
11'	2-4	72, 163, 427
↓	5-118	31, 100, 123, 163, 201, 427
	119-160	16, 98, 101, 107, 333, 427
	161-170	16, 98, 101, 107, 333, 427 + 306, 307, 327, 328, 336, 337, 356, 357, 375

CONFIGURATIONS INVESTIGATED (CONCLUDED)

<u>ARC Facility</u>	<u>Run Nos.</u>	<u>Orifice numbers with questionable pressure data</u>
11'	171-182	16, 47, 53, 75, 78, 98, 107, 201, 236, 237, 238, 307, 327, 365, 427
↓	183-189	Same as (171-182) + 7, 447, 525
	190-211	Same as (171-182)
8'x7'	220-234	20, 21, 24, 74, 326, 327, 336, 424, 427, 752, 868, 871
↑	235-285	74, 326, 327, 336, 424, 427, 752, 868, 871
	286-300	74, 107, 115, 124, 129, 138, 326, 327, 336, 427
↓	301-305	74, 326, 327, 336, 427
	306-333	74, 326, 327, 427
9'x7'	340-396	5, 325, 326, 327, 424, 427, 526, 752, 868, 871

TEST FACILITIES DESCRIPTION

Ames 11 x 11-Ft. Transonic

The Ames 11 x 11-Foot Transonic Wind Tunnel is a variable density, closed return, continuous flow type. This tunnel has an adjustable nozzle (two flexible walls) and a slotted test section to permit transonic testing over a Mach number range continuously variable from 0.4 to 1.4.

Ames 8 x 7-Ft. Supersonic

The Ames 8 x 7-Foot Supersonic Wind Tunnel is a closed-return, variable-density tunnel with a 8- by 7-foot rectangular test section. The nozzle has flexible side walls with fixed upper and lower surfaces. Mach number range is continuously variable from 2.45 to 3.5. Tunnel stagnation pressure can be varied from 0.3 to 2.0 atmospheres and Reynolds number per foot varies from 1.0×10^6 to 5.0×10^6 .

Ames 9 x 7-Ft. Supersonic

The Ames 9 x 7-Foot Supersonic Wind Tunnel is a variable density, continuous flow type with an adjustable nozzle to permit supersonic testing over a Mach number range continuously variable from 1.5 to 2.5. The nozzle is of the asymmetric, sliding-block type in which the variation of the test section Mach number is achieved by translating, in the streamwise direction, the fixed-contour block that forms the floor of the nozzle.

DATA REDUCTION

Standard procedures were utilized to reduce force and pressure data to coefficient form. The following dimensional constants were applied:

Reference Dimensions and Constants (Model Scale)

$$S_{Ref.} = 8.481 \text{ ft}^2$$

Orbiter reference area

$$L_{Ref.} = 39.849 \text{ in.}$$

Orbiter reference length

Base Areas (Model Scale)

$$A_{BOI} = 0.1203 \text{ ft}^2$$

Orbiter base area, integrated

$$A_{BOA} = 0.2367$$

Orbiter base area, sting mounted

$$A_{BMPSU} = 0.0417$$

Orbiter upper MPS base area

$$A_{BMPSL} = 0.0853$$

Orbiter lower MPS base area

$$A_{BACPS} = 0.0310$$

Orbiter ACPS base area on OMS pod

$$A_{BOMS} = 0.0231$$

Orbiter OMS nozzle base area

$$A_{BPOD} = 0.0257$$

Orbiter OMS pod base area

$$A_{CO} = 0.0611$$

Orbiter sting cavity base area

$$A_{BNOZ} = 0.0564$$

SRM nozzle base area

$$A_{BSKIRT} = 0.1729$$

SRM nozzle skirt base area

$$A_{BETI} = 0.3189$$

ET Base area

$$A_{CET} = 0.1964$$

ET Sting cavity base area

TEST : 0A12 / 1A9		TABLE I.		DATE : May, 1973	
TEST CONDITIONS					
MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. foot)	STAGNATION TEMPERATURE (degrees Fahrenheit)		
0.6	4.0×10^6	540	120° Nom.		
0.9	4.5	800			
1.1	4.0	800			
1.25	3.0	630			
1.4	3.0	650			
1.55	2.8	600			
2.0	2.3	490			
2.5	1.5	300			
3.0	2.0	350	Y		
3.5	3.0	300			

FIVE (5) TASK CORPORATION BALANCES
BALANCE UTILIZED: WITH CAPACITIES AS FOLLOWS:

	ISOLATED ORBITER		INTEGRATED VEHICLE		
	ORBITER MK IIA	ORBITER MK IIB	ORBITER MK IIA	SRB MK IIB	ET MK IIB
NF	3000	3000	2400	1250	4000
NA	3000	3000	2400	1250	4000
YF	1500	1500	1200	500	2000
YA	1500	1500	1200	500	2000
X	600	600	1000	200	1000
R	4000	4000	4000	1000	10,000
SIZE	2.5"	2.5"	2.5"	1.5"	4.0"

COMMENTS: THE MARK IIA, 2.5IN DIA. BALANCE WAS
DAMAGED AFTER RUN 319. THE MARK IIB WAS
SUBSTITUTED FOR RUN 320 AND SUBSEQUENT RUNS

TABLE II.

[illegible]

TABLE II. CONTINUED

TEST: ARC - 11-707 (JA 90)										DATE: - - -													
DATA SET / RUN NUMBER COLLATION SUMMARY																							
DATA SET IDENTIFIER	CONFIGURATION	SCHD. PARAMETERS/VALUES						NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)					TEST RUN NUMBERS									
		α	β	δe	δR	δFR	ζ_0		0.6	0.9	1.1	1.25											
RBM: 19	$\phi_{2A} + S_3 + T_7$	6	C	0	-5	0	0.5	2			115	114											
20		8	T	T	-5	T	T	T			101	100											
21		-8			-10						60	69											
22		-6			T						61	70											
23		-4									62	71											
24		-2									63	72											
25		0									64	73											
26		2									65	74											
27		4									66	75											
28		5									67	76											
29		8									68	77											
30		-8			-15						78	82											
31		-6			T						79	84											
32		-4									80	90											
33		-2									81	91											
34		0									82	92											
35		2									83	93											
36		4									84	94											
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TABLE II. CONTINUED

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TABLE II. CONTINUED

TEST: ARC 97-707(I998)										DATE: 5-17-73																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE II. CONTINUED

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TABLE II. CONTINUED

TEST: ARC 8*7-707 (IA9C)

DATE: 5-1-73

DATA SET/RUN NUMBER COLLATION SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES				NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)					TEST RUN NUMBERS
		α	β	δe	δR	δFR	δo		2.5	3.0	3.5			
RBNx01	$\phi_{2A} + \phi_3 + T_9$	A	0	0	0	0	0.5	3	240	230	220			
02		-8	B	T	T	T	T	T	241	231	221			
03		-6	T						242	232	222			
04		-4							243	233	223			
05		-2							244	234	224			
06		0							245	235	225			
07		2							246	236	226			
08		4							247	237	227			
09		6							248	238	228			
10		8							249	239	229			
11		-8	C			-15			267	256	250			
12		-4	T			T			266	257	251			
13		0							265	258	252			
14		4							264	259	253			
15		6							263	260	254			
16		8							262	261	255			

7131925313743495561677576

COEFFICIENTS

α OR β

$\alpha A = -8, -6, -4, -2, 0, 2, 4, 6, 8$
 $\beta B = -8, -6, -4, -2, 0, 2, 4, 6, 8$

SCHEDULES

$\beta C = -8, -6, -4, 0, 4, 6, 8$

12VAR (1)

12VAR (2)

NDV

5-1-73

TABLE II. CONTINUED

DATE: 5-1-73

DATA SET/RUN NUMBER COLLATION SUMMARY

TEST: ARC 8x7-707 (IA9C)

TEST RUN NUMBERS															
MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)															
										2.5	3.0	3.5			
										274	280*	268			
										275	281*	269			
										276	282*	270			
										277	283*	271			
										278	284*	272			
										279	285*	273			

TABLE II. CONTINUED

TEST: NILES 11-707 (0412A)

DATE: 4-23-72

DATA SET/RUN NUMBER COLLATION SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCHD. PARAMETERS/VALUES					NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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BBPX01	B ₀ C ₅ D ₇ N ₂ E ₄ M ₃ N ₆ V ₅ R ₅ W ₆ F ₁ E	A	0	0	0	0	2	119	125																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

TABLE II. CONTINUED

TEST: ARES 11-707 (0A12A)		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 4-23-73	
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES			NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)					TEST RUN NUMBERS
		α	β	δ	δ_R	δ_{FR}		0.6	0.9				
RBE-19	$\beta_0 C_5 D_7 N_2 F_4 M_3 N_6 V_5 P_3 W_7 E_1 \beta$	10	D	+10	0	0	2	153	157				
20		15	T	T	T	T	T	154	159				
21		20	T	T	T	T	T	155	158				
22		0	C	-10				161	166				
23		5	T	T				162	167				
24		10	T	T				163	168				
25		15	T	T				164	169				
26		20	T	T				165	170				
27		-4	E	-20				171	182				
28		0	C					172	181				
29		5	T	T				173	180				
30		10	T	T				174	179				
31		15	T	T				175	178				
32		20	T	T				176	177				
33		-4	E	0	0	40		183	189				
34		0	C	T	T	T		184	190				
35		5	T	T	T	T		185	191				
36		10	T	T	T	T		186	192				
1		7	13	19	25	31	37	43	49	55	61	67	75 76
		COEFFICIENTS											
α OR β		$\alpha_A = \text{MAX}, 0, 5, 10, 15, 20, 25$											
SCHEDULES		$\beta_B = -10, -5, 5, 10$											
		$\beta_C = -8, -4, 0, 4, 8$											
		$\beta_D = -10, 0, 10$											
		$\beta_E = -5, 0, 5$											
		IDVAR (1) IDVAR (2) NDV											

TABLE II. CONTINUED

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TABLE II. CONTINUED

TEST: 87-707 (0A12C)		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 5-9-73																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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TABLE II. CONCLUDED

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TABLE III. MODEL COMPONENT DIMENSIONAL DATA

MODEL COMPONENT: B10 BodyGENERAL DESCRIPTION: Fuselage, 2A Configuration, Lightweight Orbiter, per
Rockwell Linea VL70-000089 "B."Scale Model = .030DRAWING NUMBER: VL70-000089 "B"
VL70-000092, 93, 94 "A"

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Length ~ IN	<u>1328.3</u>	<u>39.8490</u>
Max. Width ~ IN (@X ₀ = 1528.3)	<u>265.0</u>	<u>7.9500</u>
Max. Depth ~ IN. (@X ₀ = 1480.52)	<u>248.0</u>	<u>7.4400</u>
Fineness Ratio	<u>5.012</u>	<u>5.012</u>
Area ~ ft ²		
Max. Cross-Sectional	<u>456.4</u>	<u>.41076</u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III. (CONTINUED)

MODEL COMPONENT: Canopy - C5GENERAL DESCRIPTION: 2A Configuration per Lines VL70-000092Scale Model = .030DRAWING NUMBER: VL70-000092

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Length (STA FWD Bulkhead)	<u>391.0</u>	<u>11.730</u>
Max. Width (T.E. Bulkhead)	<u>560.0</u>	<u>16.800</u>
Max. Depth (WP = 42.9 22 to = 500)	<u> </u>	<u> </u>
Fineness Ratio	<u> </u>	<u> </u>
Area		
Max. Cross-Sectional	<u> </u>	<u> </u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III. (CONTINUED)

MODEL COMPONENT: Manipulator Housing D-7

GENERAL DESCRIPTION: 2A Configuration per Rockwell Lines VL70-000093

Scale Model = .030

DRAWING NUMBER: VL70-000093

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Length ~ IN.	881.00	26.430
Max. Width ~ IN.	51.00	1.530
Max. Depth ~ IN.	23.00	.690
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

E Fuselage

BP = 0.00

WP = 500.0 IN. FS

X.426.0 to 1307.0 IN. FS

TABLE III. (CONTINUED)

MODEL COMPONENT: WING-W87 New Light Weight Orbiter

GENERAL DESCRIPTION: Orbiter Configuration Per Lines VL70-000093.

NOTE: (Dihedral Angle is defined at the lower surface of the wing at the 75.33% element line projected into a plane perpendicular.

Scale Model = .030

TEST NO.

DWG. NO. VL70-000093

DIMENSIONS:

FULL-SCALE

MODEL SCALE

TOTAL DATA

Area (Theo.)	Ft ²		
Planform		2690.00	2.42100
Span (Theo) In.		936.68	28.10040
Aspect Ratio		2.265	2.265
Rate of Taper		1.177	1.177
Taper Ratio		0.207	0.2000
Dihedral Angle, degrees		3.5000	3.500
Incidence Angle, degrees		3.000	+3.00
Aerodynamic Twist, degrees		3.500	+3.000
Sweep Back Angles, degrees			
Leading Edge		45.00	45.00
Trailing Edge		-10.74	-10.74
0.25 Element Line		35.209	35.209
Chords:			
Root (Theo) B.P.O.O.		689.24	20.67720
Tip, (Theo) B.P. 46834		137.85	4.13550
MAC		474.81	14.24130
Fus. Sta. of .25 MAC		1136.89	34.10670
W.P. of .25 MAC		299.20	8.97840
183.13 B.L. of .25 MAC		182.13	5.46390

EXPOSED DATA

Area (Theo)	Ft ²	1752.29	1.57706
Span, (Theo) In. BP108 to 468.341		720.68	21.62040
Aspect Ratio		2.058	2.058
Taper Ratio		.2451	.2451
Chords			
Root BP108		562.40	16.8720
Tip 1.00 $\frac{b}{2}$		137.85	4.13550
MAC		393.03	11.79090
Fus. Sta. of .25 MAC		1185.31	35.55930
W.P. of .25 MAC		300.207	9.00621
B.L. of .25 MAC		143.76	4.31280
Airfoil Section (Rockwell Mod NASA)			
XXXX-64			
Root $\frac{b}{2}$ = .425		.10	.10
Tip $\frac{b}{2}$ = 1.00		.12	.12

Data for (1) of (2) Sides

Leading Edge Cuff			
Planform Area	Ft ²	120.33	1.0830
Leading Edge Intersects Fus M. L. @ Sta		560.0	16.80
Leading Edge Intersects Wing @ Sta		1035.0	31.050

TABLE III. (CONTINUED)

MODEL COMPONENT: Eleven E-18

GENERAL DESCRIPTION: 2A Configuration Per W-87 Rockwell Linea VI. 70-000093

Data for (1) of (2) Sides

Scale Model = .030

DRAWING NUMBER: VL 70-000093

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area ~ Ft ²	<u>205.52</u>	<u>.18497</u>
Span (equivalent) ~ IN.	<u>353.34</u>	<u>10.60020</u>
Inb'd equivalent chord	<u>114.78</u>	<u>3.44340</u>
Outb'd equivalent chord	<u>55.00</u>	<u>1.6500</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>.208</u>	<u>.208</u>
At Outb'd equiv. chord	<u>.400</u>	<u>.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.00</u>	<u>0.00</u>
Tailing Edge	<u>-10.24</u>	<u>-10.24</u>
Hingeline	<u>0.00</u>	<u>0.00</u>
Area Moment (Normal to hinge line) Ft ³	<u>1548.07</u>	<u>.04180</u>
Product of Area Moment		

TABLE III. (CONTINUED)

MODEL COMPONENT: VERTICAL - V5 (Light Weight Orbiter Configuration)GENERAL DESCRIPTION: Centerline Vertical Tail, Double Wedge Airfoil with Rounded Leading EdgeScale Model = .030DRAWING NUMBER:VL70-000095DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATA

Area (Theo) Ft^2	<u>413.25</u>	<u>.37192</u>
Planform		
Span (Theo) In	<u>315.72</u>	<u>9.47160</u>
Aspect Ratio	<u>1.675</u>	<u>1.675</u>
Rate of Taper	<u>0.507</u>	<u>0.507</u>
Taper Ratio	<u>.404</u>	<u>.404</u>
Sweep Back Angles, degrees		
Leading Edge	<u>45.000</u>	<u>45.000</u>
Trailing Edge	<u>26.249</u>	<u>26.249</u>
0.25 Element Line	<u>41.130</u>	<u>41.130</u>
Chords:		
Root (Theo) WP	<u>268.50</u>	<u>8.05500</u>
Tip (Theo) WP	<u>108.47</u>	<u>3.25410</u>
MAC	<u>199.81</u>	<u>5.99430</u>
Fus. Sta. of .25 MAC	<u>1463.50</u>	<u>43.90500</u>
W. P. of .25 MAC	<u>635.522</u>	<u>19.06566</u>
B. L. of .25 MAC	<u>0.00</u>	<u>0.00</u>
Airfoil Section		
Leading Wedge Angle Deg	<u>10.000</u>	<u>10.000</u>
Trailing Wedge Angle Deg	<u>14.920</u>	<u>14.920</u>
Leading Edge Radius IN.	<u>2.00</u>	<u>.06</u>
Void Area Ft^2	<u>13.17</u>	<u>.01185</u>
Blanketed Area Ft^2	<u>12.67</u>	<u>.01140</u>

TABLE III. (CONTINUED)

MODEL COMPONENT: R-5 Rudder

GENERAL DESCRIPTION: ZA Configuration per Rockwell Lines VL 70-000095

Scale Model = .030

DRAWING NUMBER: VL 70-000095

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area ~ Ft ²	<u>106.38</u>	<u>.09574</u>
Span (equivalent) ~ IN.	<u>201.0</u>	<u>6.030</u>
Inb'd equivalent chord	<u>91.585</u>	<u>2.74755</u>
Outb'd equivalent chord	<u>50.833</u>	<u>1.52499</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.83</u>	<u>34.83</u>
Tailing Edge	<u>26.25</u>	<u>26.25</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
Area Moment (Normal to hinge line) ~ Ft ³	<u>526.13</u>	<u>.01421</u>
Product of Area and Mean Chord		

TABLE III. (CONTINUED)

MODEL COMPONENT: OMS Pod -M3GENERAL DESCRIPTION: 2A Light Weight Configuration per Rockwell LinesVL70-000094AScale Model = .030DRAWING NUMBER: VL70-000094ADIMENSIONS:FULL-SCALEMODEL SCALE

Length

346.010.380Max. Width $X_{\perp} = 1450.0$ 108.03.240Max. Depth $X_o = 1500.0$ 113.03.390

Fineness Ratio

Area

Max. Cross-Sectional

Planform

Wetted

Base

L of OMS Pod

WP = 463.9 IN. FS

WP 400 + 63.9 = 463.9

BP = 80.0 IN. FS

Length 1214.0 to 1560.0' = 346.0 IN. FS

TABLE III. (CONTINUED)

MODEL COMPONENT: FL Body FlapGENERAL DESCRIPTION: 2A Configuration per Rockwell Lines VL70-000094AScale Model = .030DRAWING NUMBER: VL70-000094ADIMENSIONS:FULL-SCALEMODEL SCALE

Length

84.702.541

Max. Width

265.007.950

Max. Depth

Fineness Ratio

Area ~ Ft²

Max. Cross-Sectional

Planform

Wetted

Base Ft²142.64.1283838.65.03478

TABLE III. (CONTINUED)

MODEL DIMENSIONAL DATA

MODEL COMPONENT : B3-Booster Solid Rocket MotorGENERAL DESCRIPTION : 2A Configuration Per Rockwell Lines VL77-000012
& VL72-000061 "B"Body of Revolution; Data for (1) of (2) SidesScale Model = .030DRAWING NUMBER : VL 77-000012

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length ~IN.	<u>1732.0</u>	<u>51.96</u>
Max Width (DIA) IN. BSRM Tank	<u>142.0</u>	<u>4.260</u>
Max Depth (DIA) Aft Skirt	<u>259.0</u>	<u>7.77</u>
Fineness Ratio L/D	<u>6.687</u>	<u>6.687</u>
Area ~ Ft ²	<u> </u>	<u> </u>
Max. Cross-Sectional (Aft Skirt)	<u>365.87</u>	<u>.32928</u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

Ref.

FS (Orbiter) = 0.00 = 747.99 IN. ET = 200.0 IN. BSRM

WP (BSRM) = WP 400(Orbiter) - 344.413 = 55.587 IN.

BP (Orbiter) = 0.00 = 243.0 IN. BSRM

TABLE III. (CONCLUDED)

MODEL COMPONENT: EXTERNAL TANK - T9

GENERAL DESCRIPTION: 2A Configuration

NOTE: T9 identical to T8 W/O retro pkg., nose w/30"R F.S.

DRAWING NUMBER

NONE

DIMENSION:

FULL SCALE

MODEL SCALE

Length - IN.

1858

55.740

Max Width (Dia) - IN.

324.0

9.720

Max Depth

Fineness Ratio L/D

5.73457

5.73457

Area - FT²

Max Cross-Sectional

572.56

0.51530

Planform

Wetted

Base

Nose, Radius, IN.

30.0

ORBITER BODY

ORBITER STATION ~ X _o			RADIAL LOCATION θ ~ DEGREES																	
FULL	MODEL	X _o / μ	0	20	40	55	70	90	105	110	120	135	142	150	157	162	165	169	172	180
200	6.00	0	20					22			30			31						23
210	6.30	.003	21					29			39			40						32
225	6.75	.019	24	25	26	27	28	29						49						41
245	7.35	.034	33	34	35	36	37	38			48			49						50
280	8.40	.060	42	43	44	45	46	47			57			58						59
360	11.40	.136	51	52	53	54	55	56							61			60		
400	12.30	.151									68			69						72
410	12.30	.158											73			70				
430	12.90	.173	62	63	64	65	66	67												
460	13.80	.196																		
500	15.00	.226	74	75	76	77	78	79			80			81			82			83
560	16.80	.271	84		85		86	87			88			89			90			91
625	18.75	.320	92		93		94	95			96			97			98			99
725	21.75	.395	100		101		102	103			104			105			106			107
880	26.40	.512	108		109		110	111			112			113			114			115
980	29.40	.587	116		117		119	120			121			122			123			124
1080	32.40	.662			118		125	126			127			128						129
1180	35.40	.738					131	132			134	135		136			137			130
1245	37.35	.787			130		140	141			143	144		145			146			
1300	39.00	.828			139		148	149			151	152		153			154			
1375	41.25	.885			147		156	157			159	160		161			162			
1430	42.90	.926			155		164	165			167	168		169			170			
1480	44.40	.964	163																	
1530 ^a	45.90	1.001								171	173									
1530 ^b	45.90	1.001								172	174									

^a OMS POD, INSIDE

^b OMS POD, OUTSIDE

a. Orbiter body

Table IV. Pressure Orifice Locations

ORBITER BASE

LOCATION	ORIFICE NUMBERS
ORBITER BASE (INTEGRATED)	1, 2, 3, 4
LEFT MPS NOZZLE BASE	5
UPPER MPS NOZZLE BASE	6
ACPS BASE AREA ON OMS POD	7
OMS NOZZLE BASE	8
OMS POD BASE	9
ORBITER BASE (STING MOUNT)	11, 12, 13, 14
ORBITER STING CAVITY	15, 16

BODY FLAP LWR SURFACE

ORB. STA. ~ x_c	θ ~ DEG
FULL MODEL	0 40
1580	47.40 175 176

MPS NOZZLE

Y ~ IN.		θ ~ DEG				
FWD BASE		0	90	135	180	225
FULL	MODEL	181	182	183	184	185
25	0.75	187	188	189	190	191
50	1.50		193	194	195	196
75	2.25					197

OMS NOZZLE

Y ~ IN		θ ~ DEG		
FWD BASE		135	180	225
FULL	MODEL	10	177	178
20	0.30 C.60		180	179

VERTICAL TAIL

WATER PLANE ~ z_0		X/C ~ THEORETICAL VERTICAL CHORD									
FULL	MODEL	η	0	.05	.15	.30	.52	.65	.775	.90	
525	15.75	.079	400								
550	16.50	.158	L	411	412	413	414	415	416		
			R	511	512	513	514	515	516		
600	18.00	.316	L	421	422	423	424	425	426	427	
			R	521	522	523	524	525	526	527	
690	20.70	.60	L	431	432	433	434	435	436	437	
			R	531	532	533	534	535	536	537	
765	22.95	.84	L	441	442	443	444	445	446	447	
			R	541	542	543	544	545	546	547	
792	23.76	.925	L	451	452	453	454	455	456	457	
			R	551	552	553	554	555	556	557	

b. Orbiter Base, Body Flap Lower Surface, and Vertical Tail

Table II. Continued.

ORBITER WING

ORBITER E.P. - Y			X/C - THEORETICAL WING CHORD																		
FILE	MODEL	7	- .49	- .35	- .25	- .15	0.0	.05	.15	.25	.40	.55	.60	.65	.70	.725	.75	.775	.80	.85	.90
143	4.20	.299	200	201	202	203		203	204	204		205				206		207	208	209	
			200	301	302	303		303	304	304		305				306		307	308	309	
170	5.10	.364			211	212		212													
					210	312		312													
200	6.00	.427				221		221	222		223	224				225		226	227	228	
						321		321	322		323	324				325		326	327	328	
250	7.50	.534				231	230	231	232	233	234	235				236	237	238	239	240	
						331		331	332	333	334	335				336	337	338	339	340	
315	9.45	.673				251	250	251	252	253	254	255			256			257	258	259	
						351		351	352	353	354	355			356			357	358	359	
365	10.95	.730				261	260	261	262	263				264			265		266	267	
						361		361	362	363				364			365		366	367	
4.5	12.45	.857				271	270	271	272	273	274		275			276		277			
						371		371	372	373	374		376			376		377			

U - UPPER SURFACE L - LOWER SURFACE

7	X/C LOCAL WING CHORD
.299	0, .094, .229, .362, .497, .700, .834, .865, .900, .965
.364	0, .086, .246
.427	0, .081, .177, .402, .565, .760, .865, .957, .905, .953
.534	SAME AS THEORETICAL CHORD
.673	
.730	
.857	

c. Orbiter Wing

Table IV. Continued.

EXTERNAL TANK

TANK STA ~ XT			$\theta \sim \text{DEG}$									
FULL	MODEL	XT/LT	0	30	60	90	120	135	150	165	180	270
316.	9.48	0	610			614					619	620
317.7	9.53	.001	611			624					629	
400	12.00	.045	621	622	623	624	625		627	638	639	
520	15.60	.110	631	632	633	634	635		637	642	649	
640	19.20	.174	641	642	643	644	645		647	658	659	
670	20.10	.191	651	652	653	654	655		657	668	669	
710	21.30	.212	661	662	663	664	665	676	677	678	679	
750	22.50	.234	671	672	673	674	675		687	688	689	
850	25.50	.287	681	682	683	684	685	696	697	698	699	
950	28.50	.341	691	692	693	694	695		707	708	709	
1050	31.50	.395	701	702	703	704	705	716	717		719	
1150	34.50	.449	711	712	713	714	715		727	728	729	
1250	37.50	.503	721	722	723	724	725	736	737		739	
1350	40.50	.557	731	732	733	734	735		747	748	749	
1500	45.00	.637	741	742	743	744	745	756	757		759	
1700	51.00	.745	751	752	753		755	766	767	768		
1900	57.00	.853	761	762	763		765	776	777			
2040	61.20	.929	771	772	773	774	775					
STING CAVITY BASE			601			603					604	
			602									

d. External Tank
Table IV. Continued.

LEFT SRM

SRM STATION ~ XS			θ ~ DEG							
FULL	MODEL	XS/LS	0	45	90	135	180	225	270	315
200	6.00	0	810							
260	7.80	.034	811	812	813	814	815	816	817	818
370	11.10	.097	821	822	823	824	825	826	827	828
400	12.00	.114	831	832	833	834	835	836	837	838
450	13.50	.142	841	842	843	844	845	846	847	848
550	16.50	.199	851	852	853	854	855	856	857	858
700	21.00	.284	861		863		865	866	867	868
850	25.50	.370	871		873		875		877	
1050	31.50	.484	881		883		885			
1250	37.50	.597	891		893		895			
1450	43.50	.711	901		903		905		907	
1650	49.50	.825	911		913		915		917	
1750	52.50	.882	921	922	923	924	925	926	927	928
1790	53.70	.904	931	932	933	934	935	936	937	938
1850	55.50	.939	941	942	943	944	945	946	947	948
1900	57.00	.967	951	952	953	954	955	956	957	958
NOZZLE BASE			801							
SKIRT BASE			802		803		804		805	

e. Left SRM

Table IV. Concluded.

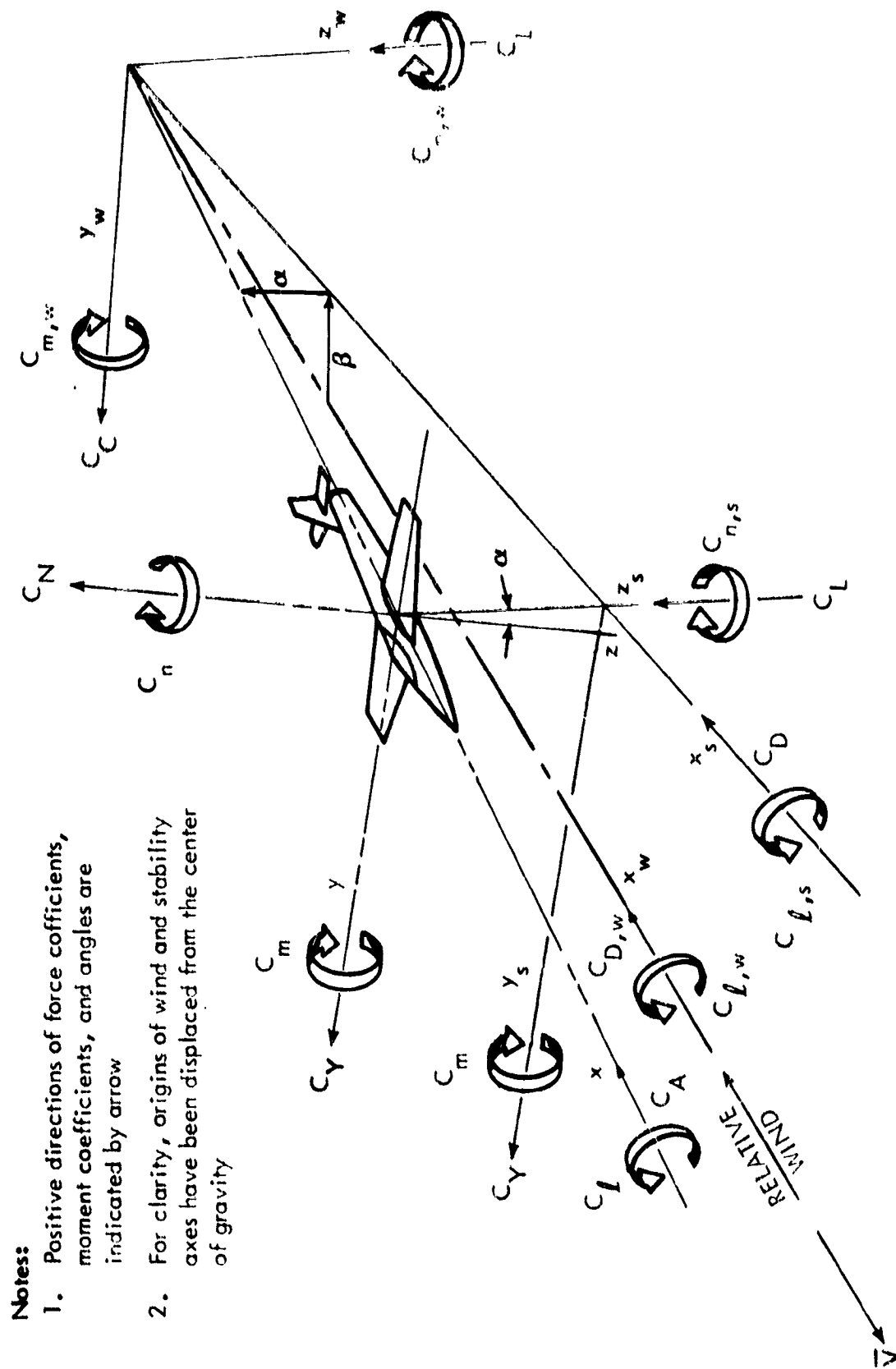
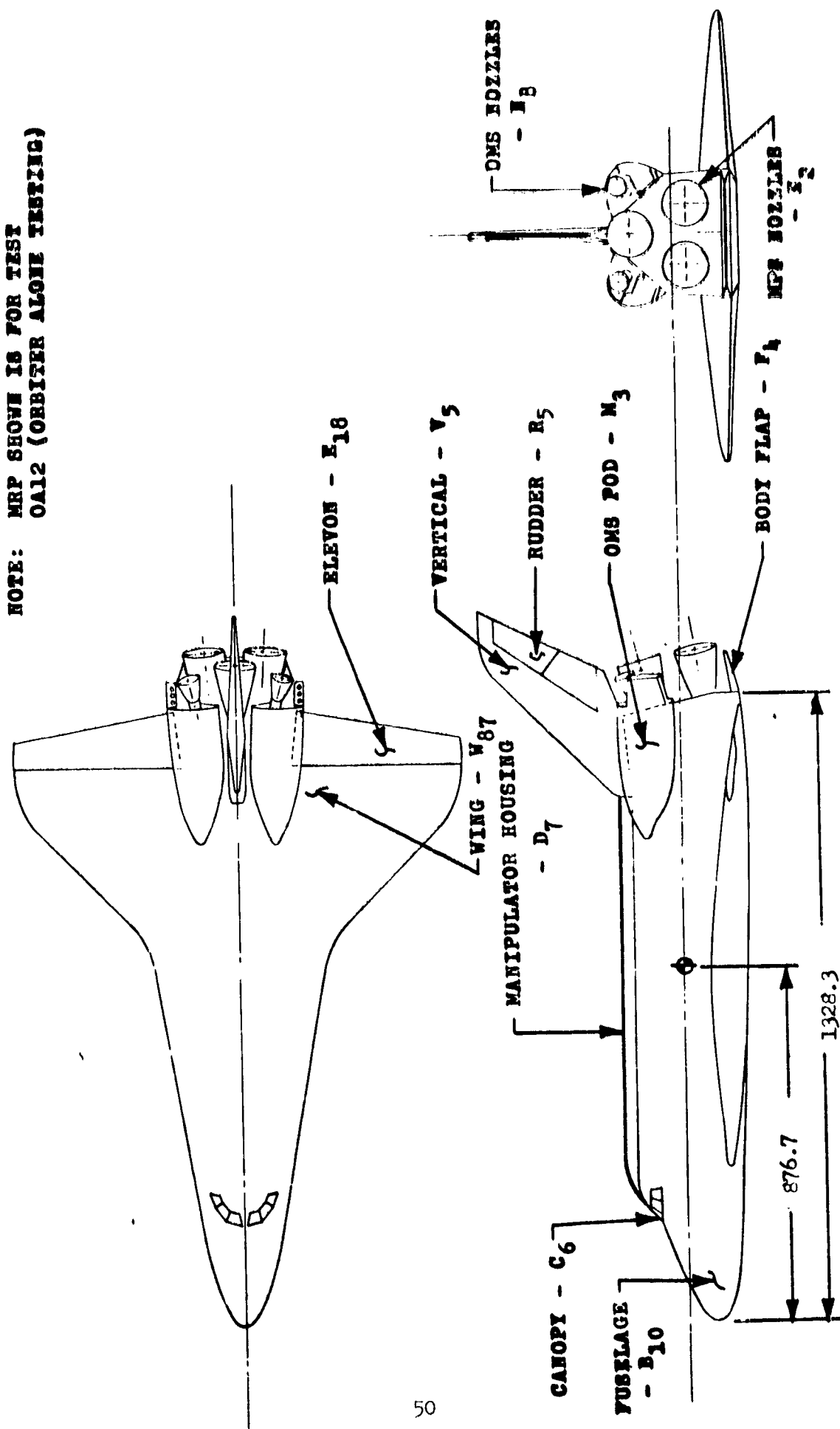


Figure 1. - Axis Systems.

NOTE: MRP SHOWN IS FOR TEST
OAL2 (ORBITER ALONE TESTING)



a. Orbiter, O2
Figure 2. - Model Sketches.

SRM S₃

X_T 1958

142 DIA.

X_B 388

X_B 1755

X_B 1932

X_B 200

EXTERNAL TANK T₉

51

X_T 2052

324 DIA.

X_T 316

X_T 711

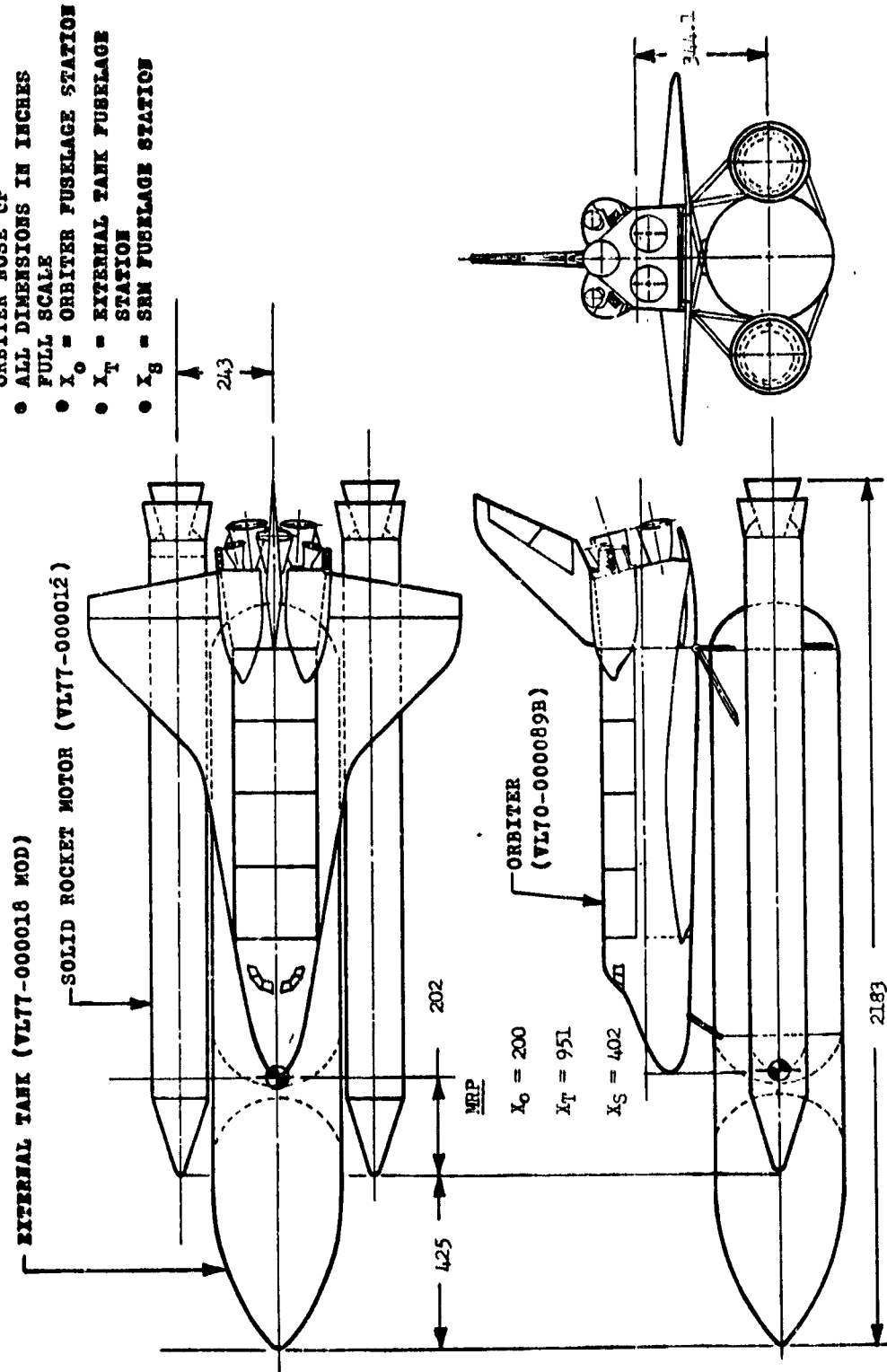
MODEL CUT TO HERE
FOR STING MOUNT

X_T 2174

b. SRM, S₃, and External Tank, T₉

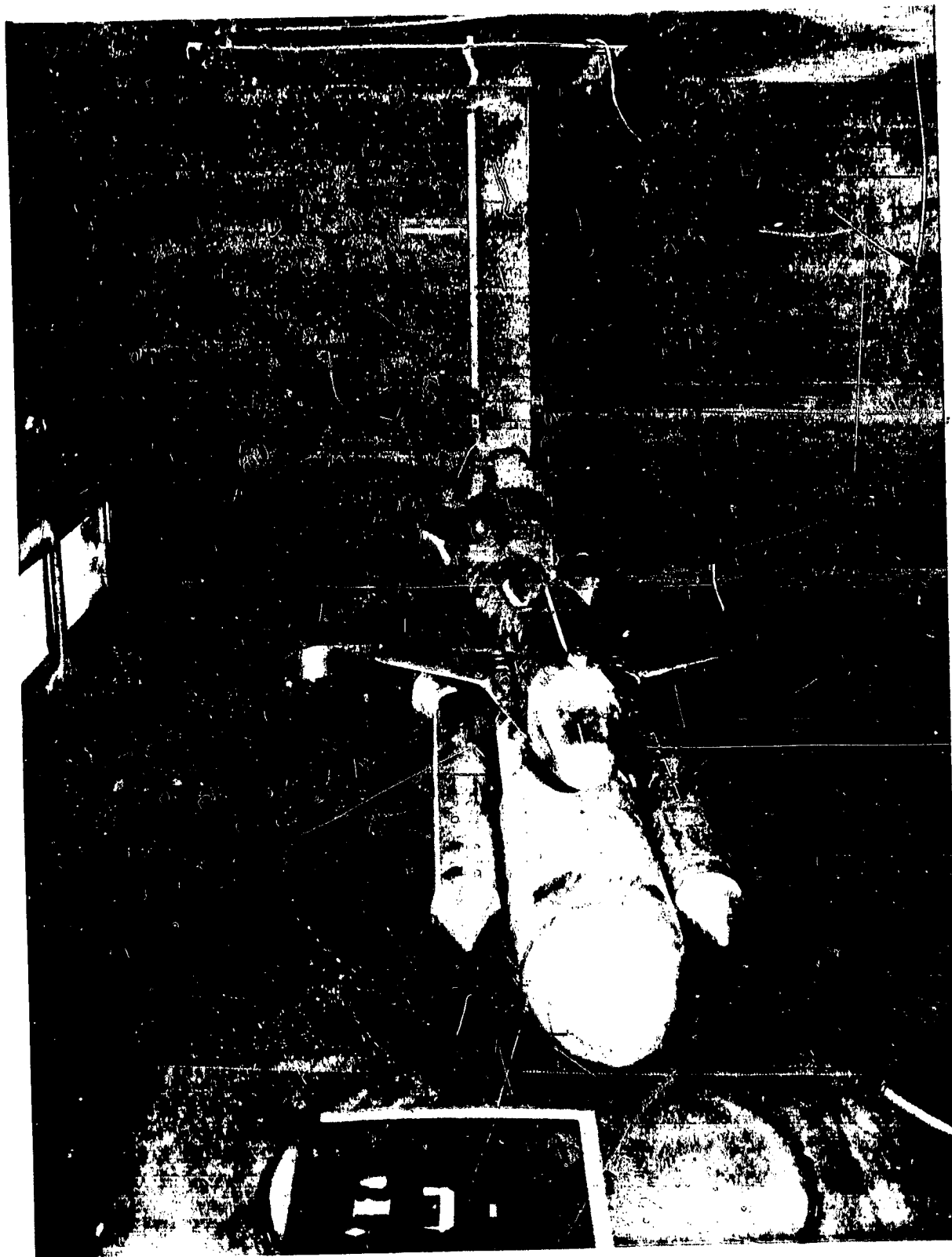
Figure 2. - Continued.

- NOTES:**
- ORBITER INCIDENCE ANGLE
RELATIVE TO TANK CL IS 0.5°
 - ORBITER NOSE UP
 - ALL DIMENSIONS IN INCHES
FULL SCALE
 - X_o = ORBITER FUSELAGE STATION
 - X_T = EXTERNAL TANK FUSELAGE
STATION
 - X_S = SRM FUSELAGE STATION



c. Integrated Vehicle

Figure 2. - Concluded.



a. Integrated (Launch) Vehicle Mounted in the ARC 9x7 Ft. Tunnel
Figure 3. - Model Installation Photographs



3. Isolated Orbiter (Entry Configuration) Mounted in the ARC 8x7 Ft. Tunnel

Figure 3. - Concluded.

TABULATED PRESSURE DATA

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMJ01) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT.
 LREF = 39.8490 INCHES
 BREF = 39.8490 INCHES
 SCALE = .0000 SCALE

XGRP = 28.5300 INCHES
 YGRP = .0000 INCHES
 ZGRP = .0000 INCHES

PARAMETRIC DATA

BETAT = .000
 RUDDER = .000
 RUFLR = .000

ORBINC = 1.500
 ELEVON = .000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .601 ALPHAT (1) = -8.140

Y/BW X/CM	.299	.364	.427	.534	.673	.780	.887
.000	-.0400	-.0870	.1850	.2160	.1140	-.0340	-.0500
.050			.0730	.1140	.1340	.1310	.1350
.081		.0670					
.086							
.094	.0710						
.150							
.177			-.0580				
.229	.0630						
.246		.0220					
.250							
.362	-.0090						
.400							
.402			-.2340				
.497	-.0690						
.550							
.565			-.1870				
.600							
.620							
.700	-.1310						
.725							
.750							
.760							
.775							
.808							
.834	-.0200						
.850							
.857							
.865	-.0200						
.900	.0270						
.905							
.950							
.953							
.965	.0250						
Y/BW X/CM	.299	.364	.427	.534	.673	.780	.887
.000	-.0330	-.0140	.2490	.3590	.2860	.2220	.2170
.050				.0180	.0280	.0220	.5330
.081			-.0170				
.086		.0460					
.094							

MACH (1) = .598 ALPHAT (2) = -6.130

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REMOVED)

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .598 ALPHAT(2) = -6.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	.0250						
.246							
.250							
.362	-.0470						
.400							
.402							
.497	-.1090						
.550							
.565							
.600							
.650							
.700	-.1480						
.725							
.750							
.760							
.775							
.808							
.834	-.0260						
.850							
.857							
.865	-.0050						
.900	.0310						
.905							
.950							
.953							
.965	.0280						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.0490	.0120	.2740	.4350	.4010	.3780	.3680
.081							
.086							
.094	.0480						
.150							
.177							
.229	-.0010						
.246							
.250							
.362	-.0890						
.400							
.402							
.497	-.1470						

MACH (1) = .597 ALPHAT(3) = -4.100

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.0490	.0120	.2740	.4350	.4010	.3780	.3680
.081							
.086							
.094	.0480						
.150							
.177							
.229	-.0010						
.246							
.250							
.362	-.0890						
.400							
.402							
.497	-.1470						

DATE 21 SEP 73 TABULATED PRESSURE DATA - IASA

AVES 11-707 IAS O2A + S3 + T9 UPPER WING

(REMLD1)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP			
MACH (1) = .597	ALPHAT (3) = -4.100	Y/BW	X/CW		
		.550			
		.565			
		.600			
		.650			
		.700			
		.725			
		.750			
		.765			
		.775			
		.809			
		.834			
		.850			
		.857			
		.865			
		.870			
		.875			
		.880			
		.885			
		.890			
		.895			
		.900			
		.905			
		.910			
		.915			
		.920			
		.925			
		.930			
		.935			
		.940			
		.945			
		.950			
		.955			
		.960			
		.965			
		.970			
		.975			
		.980			
		.985			
		.990			
		.995			
		1.000			
		1.005			
		1.010			
		1.015			
		1.020			
		1.025			
		1.030			
		1.035			
		1.040			
		1.045			
		1.050			
		1.055			
		1.060			
		1.065			
		1.070			
		1.075			
		1.080			
		1.085			
		1.090			
		1.095			
		1.100			
		1.105			
		1.110			
		1.115			
		1.120			
		1.125			
		1.130			
		1.135			
		1.140			
		1.145			
		1.150			
		1.155			
		1.160			
		1.165			
		1.170			
		1.175			
		1.180			
		1.185			
		1.190			
		1.195			
		1.200			
		1.205			
		1.210			
		1.215			
		1.220			
		1.225			
		1.230			
		1.235			
		1.240			
		1.245			
		1.250			
		1.255			
		1.260			
		1.265			
		1.270			
		1.275			
		1.280			
		1.285			
		1.290			
		1.295			
		1.300			
		1.305			
		1.310			
		1.315			
		1.320			
		1.325			
		1.330			
		1.335			
		1.340			
		1.345			
		1.350			
		1.355			
		1.360			
		1.365			
		1.370			
		1.375			
		1.380			
		1.385			
		1.390			
		1.395			
		1.400			
		1.405			
		1.410			
		1.415			
		1.420			
		1.425			
		1.430			
		1.435			
		1.440			
		1.445			
		1.450			
		1.455			
		1.460			
		1.465			
		1.470			
		1.475			
		1.480			
		1.485			
		1.490			
		1.495			
		1.500			
		1.505			
		1.510			
		1.515			
		1.520			
		1.525			
		1.530			
		1.535			
		1.540			
		1.545			
		1.550			
		1.555			
		1.560			
		1.565			
		1.570			
		1.575			
		1.580			
		1.585			
		1.590			
		1.595			
		1.600			
		1.605			
		1.610			
		1.615			
		1.620			
		1.625			
		1.630			
		1.635			
		1.640			
		1.645			
		1.650			
		1.655			
		1.660			
		1.665			
		1.670			
		1.675			
		1.680			
		1.685			
		1.690			
		1.695			
		1.700			
		1.705			
		1.710			
		1.715			
		1.720			
		1.725			
		1.730			
		1.735			
		1.740			
		1.745			
		1.750			
		1.755			
		1.760			
		1.765			
		1.770			
		1.775			
		1.780			
		1.785			
		1.790			
		1.795			
		1.800			
		1.805			
		1.810			
		1.815			
		1.820			
		1.825			
		1.830			
		1.835			
		1.840			
		1.845			
		1.850			
		1.855			
		1.860			
		1.865			
		1.870			
		1.875			
		1.880			
		1.885			
		1.890			
		1.895			
		1.900			
		1.905			
		1.910			
		1.915			
		1.920			
		1.925			
		1.930			
		1.935			
		1.940			
		1.945			
		1.950			
		1.955			
		1.960			
		1.965			
		1.970			
		1.975			
		1.980			
		1.985			
		1.990			
		1.995			
		2.000			

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-757 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(4) = -2.050

Y/B ₄ X/CW	.299	.364	.427	.534	.673	.780	.887
.638			.0170				
.634	-.0390			.0830	.0930	.1070	
.850			.0580				
.857				.1100			.1350
.865	-.0150		.0780				
.920	.0250			.1400	.1530	.1570	
.925			.0980				
.950							
.953	.0350						
.955							

MACH (1) = .597 ALPHAT(5) = -.060

Y/B ₄ X/CW	.299	.364	.427	.534	.673	.780	.887
.000			.2540	.4090	.3560	.3680	.2100
.050	-.1890	-.0630		-.4050	-.4440	-.5360	-.5620
.082		-.0370	-.3950				
.086							
.094	-.0020		-.3740	-.4750	-.5810	-.7020	-.7130
.150							
.177							
.229	-.0550	-.2180		-.5100	-.5720	-.6110	-.5890
.246				-.4300	-.4980		-.6370
.250	-.1900		-.3780	-.2700	-.3160		
.362							
.400	-.2400		-.2480				-.2800
.402							
.497							
.550							
.555							
.600							
.650	-.1870			-.0530	-.0980	-.1700	
.700							
.725							
.750							
.760							
.775							
.808							
.834	-.0440						
.850							
.857							
.865	-.0070						
.900	.0280						
.905							
.950							
.953							

.1190

.1010

.1110

.1360

.0830

.1070

.1110

.1360

.1530

.1550

.1550

.1550

.1550

.1550

.1550

.1550

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

AVES 11-707 IAS OBA + S3 + T9 UPPER WING

(RBMJ01)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .597 ALPHAT(5) = -.560

MACH (1) = .598 ALPHAT(6) = 1.960

Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW	.0430						
.965							
Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW							
.000	-.2640	-.1820	.1010	.3040	.2080	.1850	-.1360
.050				-.6010	-.6510	-.7960	-.8375
.061			-.5470				
.086		-.0840					
.094	-.0400			-.5820	-.7220	-.8730	-.8970
.150			-.4540				
.177							
.229	-.0970						
.246		-.2920					
.250				-.5790	-.6660	-.7110	-.7090
.362	-.2360			-.4740	-.5470		-.6890
.400			-.4060				
.402							
.497	-.2890			-.2840	-.3320		
.550			-.2670				-.3140
.565						-.1840	
.600				-.1050			
.650	-.2070						
.700				-.0410			
.725				.0290	.0110		
.750							
.760			.0070				
.775							
.808							
.834	-.0360			.0750	.5840	.0920	
.850			.0550				
.857							
.865	-.0090			.1080			.5910
.910	.0360						
.905			.0780	.1350	.1460	.1440	
.950			.1010				
.953							
.965	.0480						
Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW							
.000	-.3700	-.3170	-.0210	.1320	.0140	-.0850	-.6310
.050				-.7630	-.8820	-.9720	-1.1560
.081			-.7040				
.086		-.1350					
.094	-.0710						

MACH (1) = .597 ALPHAT(7) = 3.930

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

ANES 11-757 1A9 02A + S3 + T9 UPPER WING

(RES-011)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .597 ALPHAT (7) = 3.930

Y/BX X/CX	.299	.364	.427	.534	.673	.780	.897
.150							
.177							
.229							
.246							
.255							
.362							
.430							
.492							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.855							
.900							
.915							
.950							
.953							
.965							

MACH (1) = .600 ALPHAT (8) = 5.900

Y/BX X/CX	.299	.364	.427	.534	.673	.780	.897
.150							
.177							
.229							
.246							
.255							
.362							
.430							
.492							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.855							
.900							
.915							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .600 ALPHAT(8) = 5.970

Y/B₁
X/C₁

.299 .364 .427 .534 .673 .780 .887
-.3240
-.2880 -.3560
-.2190
-.1220
-.0740
-.0510
-.0010 -.0210
.0140
.0550 .0500 .0370
-.0680
.0920
.1240 .1170 .1010
.1070
.0570

.550
.565
.600
.650
.700
.725
.750
.775
.808
.834
.850
.857
.865
.900
.905
.950
.953
.965

MACH (1) = .599 ALPHAT(9) = 7.950

Y/B₁
X/C₁

.299 .364 .427 .534 .673 .780 .887
-.4890 -.5070 -.3430 -.2350 -.5150 -.7750 -1.5590
-1.1840 -1.4040 -2.0500 -2.0460
-1.0310
-.6740
-.3140
-.1920
-.4780
-.4000
-.9230
-.3140 -3.680
-.3790
-.2420
-.1160
-.0320
-.0130 -.0460

.000
.050
.081
.086
.094
.150
.177
.229
.246
.250
.362
.400
.402
.497
.550
.565
.600
.650
.700
.725
.750
.760
.775

-.4500
-.2280
-1.400
-.5930 -2.240
-.0460

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 154

AVES 11-707 IAS ODA + S3 + T9 UPPER WING

REVISED

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(9) = 7.950

Y/B4 X/CW	.299	.364	.427	.534	.573	.783	.887
.808			.0120				
.834	-.0910			.0370	.0210	.0020	
.850			.0680				
.857							-.0630
.855	-.0160			.0600			
.900	.0370		.0680				
.905				.0910	.0950	.0620	
.950			.1070				
.953							
.965	.0520						
Y/B4 X/CW	.299	.364	.427	.534	.573	.783	.887
.000	-.0080	-.0280	.3050	.3910	.2830	.1800	.1210
.050			.1320	.1440	.1760	.2210	.0730
.081		.1100					
.086				-.0810	-.1390	-.2180	-.2670
.094			.0060				
.150							
.177	.0890						
.229		.0890					
.245				-.2290	-.3050	-.2860	-.3960
.250							
.362	.0990			-.3390	-.4170		-.5860
.400			-.2600				
.472							
.497	-.0070		-.3130	-.3870	-.5110		
.550							
.565							
.590							
.650	-.2070			-.1080	-.1790	-.3150	-.3320
.700							
.725							
.750			-.0630			.0780	-.0160
.760				.0280	.0230		
.775			.0180				
.808							
.834	-.1330			.0950	.1120	.1420	
.850			.0490				
.857							
.865	-.0320						.1590
.900	.0310			.1190			
.905			.0670				
.950				.1250	.1650	.1950	
.953			.0770				

MACH (2) = .905 ALPHAT(1) = -0.020

AVES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBMUS1)

SECTION (1) UPPER

DEPENDENT VARIABLE CP

MACH (2) = .850 ALPHA(3) = -4.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	.0390						
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.620							
.650							
.700							
.725							
.750							
.760							
.775							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = .902 ALPHA(4) = -1.980

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
 AXES 11-707 1A9 02A + S3 + T9 UPPER WING

(RESIDUAL)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .952 ALPHAT(4) = -1.985

Y/EA
 X/CA

.550	.364	.427	.534	.673	.780	.887
.565						
.600						
.650						
.700						
.725						
.750						
.760						
.775						
.808						
.834						
.850						
.857						
.865						
.900						
.950						
.953						
.955						

MACH (2) = .952 ALPHAT(5) = .030

Y/EA
 X/CA

.000	.299	.364	.427	.534	.673	.780	.887
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A
AVES 11-707 IA9 Q2A + S3 + T9 UPPER WING

(RBMUS1)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .952 ALPHAT (5) = .030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			.0210				
.834	-.1590			.1020	.1210	.1010	
.850			.0740				
.857				.1410			.1160
.865	-.0160						
.900	.0460		.1130	.1710	.1990	.1990	
.905							
.950			.1330				
.953							
.965	.0760						

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2880	-.1370	.2100	.4300	.3440	.3540	.0960
.020				-.6920	-.5970	-.6840	-.7150
.081			-.4100				
.086		-.0290					
.094	-.0150			-.5240	-.7090	-.8250	-.9060
.150			-.4410				
.177							
.229	-.0440						
.246		-.2020					
.250				-.6950	-.7980	-.9440	-1.0460
.362	-.1640			-.7030	-.8410		-.8150
.400			-.5300				
.402							
.497	-.3040			-.5430	-.6640		
.550							
.565							
.600							
.650							
.700	-.3610				-.1420		
.725				-.0810			
.750							
.760			-.0700				
.775				.0120	-.0380		
.808			.0070				
.834	-.1280			.0800	.0570	-.0410	
.850							
.857			.0710				
.865	-.0060			.1260			
.900	.0310						
.905			.1090				
.950				.1600	.1460	.0640	
.953			.1330				

MACH (2) = .951 ALPHAT (6) = 2.100

-.3180

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBWJ21)

SECTION (?) UPPER WING

DEPENDENT VARIABLE CP

$$\max_{\alpha} \alpha(2) = .90; \quad \text{ALPHAT}(6) = 2.100$$

	Y/BW	X/CN			
	.299	.364	.427	.534	.673
					.780
					.861

96
10/1

$$\text{MACH} (2) = .699 \text{ ALPHAT}(7) = 4.033$$

Y/BA	.299	.364	.427	.534	.673	.780	.887
W/OW	.000	-.3340	-.2340	.1320	.3710	.2390	-.0930
.050	.050				-.9470	-.9340	-.9930
.081			-.5090		-.7930		
.096		-.0320					
.094	-.0790						
.150				-.7380	-.9080	-1.0010	-1.1150
.222			-.5800				

WJ:

.794	-0.0790
.150	
.000	
	-1.8600
	-7.580 -1.0000 -1.1150

257.

.225	- .0000
.245	- .2430
	- .0000
	- .0120
	- .0380
	- .0140

47.

352	-2070		
277		-7650	-9720
			-5150

6.

0.497	- .4970	5000	- 1020
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10

.565	-.4840	-.9280
570		

3.

.60	-1610
.70	-3690
	-1870

22.

-.0760

92.

808.
809.
810.

23.

857	02820	0.0553	0.0523	0.0502
858				

55.

.977	.0680	.1050	- .4380
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0.57	.1380	.0650
0.57	.1520	

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	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2
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χ^2/ν	-	-	.9520	.3740	.1850	.1310	-.2510
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25.

0.02
0.01
--.5630

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4517 - 2760

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

AVES 11-707 IAS O2A + S3 + T9 UPPER WING

(RBMJ31)

SECTION (1) UPPER WING

MACH (2) = .501 ALPHAT(8) = 6.000

DEPENDENT VARIABLE CP	Y/BW	X/CW
	.190	
	.177	
	.229	-.0630
	.246	-.2630
	.250	
	.362	-.2550
	.400	
	.402	-.6930
	.497	-.4840
	.550	
	.565	
	.600	
	.650	
	.700	-.2630
	.725	
	.750	
	.760	
	.775	
	.809	
	.834	-.1070
	.850	
	.857	
	.865	-.0410
	.900	.0230
	.935	
	.950	
	.953	
	.965	.0470
	.299	.364
	.427	.427
	.534	.534
	.673	.673
	.780	.780
	.887	.887
	-.9270	-1.0540
	-1.1970	-1.1970
	-.6020	
	-.6670	
	-.8520	-1.1210
	-1.1220	-1.1220
	-.5390	
	-.8890	-.5690
	-.5240	
	-.2480	-.3620
	-.3160	
	-.5280	
	-.3680	
	-.5180	-.5060
	-.1150	-.3280
	-.0240	
	-.0710	-.2530
	-.4630	
	-.0280	
	-.0680	
	-.0990	-.3830
	-.0920	
	.534	.673
	.780	.780
	.887	.887
	.2450	.0310
	.0310	.0310
	-1.2140	-1.2570
	-1.5490	
	-.5410	
	-.1390	
	-.2970	
	-.177	
	.229	-.1050
	.246	
	.250	-.3120
	.362	
	.400	-.3090
	.402	
	.497	-.7380
	-.9290	-.9020
	-.8320	
	-.5590	
	-.4790	-.6570
	-.5550	
	-.1030	-1.1640
	-1.1040	-1.1040
	-.5530	
	-.7140	
	-.3120	
	-.9290	-.9020
	-.8320	
	-.5590	
	-.4790	-.6570
	-.5550	
	-.7380	
	-.5540	

MACH (2) = .502 ALPHAT(9) = 8.000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-757 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .9511 ALPHAT(1) = 10.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.2150				
.834	-.3190			-.2780	-.5220	-.5530	
.850			-.1430				
.857							
.865	-.2100			-.2340			-.5260
.920	-.1020						
.905			-.0980				
.950				-.1510	-.4450	-.5300	
.953			-.0440				
.965	-.0320						

MACH (3) = 1.104 ALPHAT(1) = -6.010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2600	-.2500	.3800	.5340	.4470	.3810	.3340
.050				.2240	.2560	.2530	.2600
.081		-.0330	.2010				
.086							
.094	-.0420			-.0390	.0120	-.0670	-.0510
.150			.1120				
.177							
.229	-.0610						
.246		.1290		-.0510	-.1090	-.0740	-.1610
.290							
.362	.0070			-.1030	-.1120		-.2590
.400			-.0700				
.402							
.497	.0790			-.0910	-.1900		
.550			-.0490				
.563							-.4320
.600					-.3290		
.680		.0400		-.1960	-.2870		
.700						-.3310	-.4040
.725							
.750			-.1290				
.760				-.1800	-.2650		
.775			-.1600				
.803							
.834	-.0800			-.1500	-.2180	-.2520	
.850							
.857			-.1370				
.865	-.1990			-.1150			-.1080
.920	-.1130						
.905			-.0960				
.950				-.0520	-.5730	-.0620	
.953			-.0370				

TABULATED PRESSURE DATA - 1A9A

(RBY:JF)

DEPENDENT VARIABLE CP

Y/B
X/C

MD/X
MB/Y

Y/B: 1

- 379 -

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

AVES 11-757 IAS OCA + S3 + T9 UPPER WING

(RBX001)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.104 ALPHAT (3) = -3.900

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.190							
.177							
.229							
.246							
.250							
.382							
.400							
.402							
.497							
.590							
.565							
.600							
.610							
.700							
.725							
.750							
.760							
.775							
.808							
.894							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.887							
.3930							
.6000							
.1610							
.0150							
.0190							
.1130							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.590							
.565							
.600							
.610							
.700							
.725							
.750							
.760							
.775							
.808							
.894							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (3) = 1.102 ALPHAT (4) = -2.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.190							
.177							
.229							
.246							
.250							
.382							
.400							
.402							
.497							
.590							
.565							
.600							
.610							
.700							
.725							
.750							
.760							
.775							
.808							
.894							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.887							
.3930							
.6000							
.1610							
.0150							
.0190							
.1130							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.590							
.565							
.600							
.610							
.700							
.725							
.750							
.760							
.775							
.808							
.894							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING
DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT (4) = -2.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.855							
.870							
.875							
.890							
.900							
.953							
.965							
.299	.364	.427	.534	.673	.780	.897	
.4160	.1950	.3510	.5780	.5010	.3220	.4410	
.050							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.245							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.299	.364	.427	.534	.673	.780	.897	
.4160	.1950	.3510	.5780	.5010	.3220	.4410	
.050							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.245							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (3) = 1.102 ALPHAT (5) = .000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.245							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.299	.364	.427	.534	.673	.780	.897	
.4160	.1950	.3510	.5780	.5010	.3220	.4410	
.050							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.245							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 79 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 Q2A + S3 + T9 UPPER WING

(REMOVED)

SECTION (3) UPPER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 ALPHAT(6) = 2.010

Y/BV	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	-.1720					

MACH (3) = 1.102 ALPHAT(7) = 4.020

Y/BV	.299	.364	.427	.534	.673	.780	.887
X/CW	-.5420	-.4490	.2160	.4980	.4380	.4400	.2210
	.000			-.5440	-.5680	-.5810	-.5820
	.097		-.2310				
	.081	-.0540					
	.096						
	.094	-.2570		-.5210	-.5870	-.6730	-.7090
	.150		-.3750				
	.177						
	.229	-.0810					
	.246		-.1270				
	.290			-.5410	-.6730	-.7390	-.7890
	.362	-.0550		-.5740	-.7060		-.8000
	.400		-.5110				
	.472						
	.497	-.1830		-.5500	-.7230		
	.550		-.3510				
	.565						
	.600						
	.650	-.2610		-.2890	-.4140	-.6210	-.6200
	.700						
	.725			-.2890		-.4390	-.5880
	.790		-.2490				
	.760		-.2660	-.2760	-.2680		
	.775						
	.808	-.1800		-.2010	-.1090	-.3290	
	.834						
	.850		-.1830				
	.857	-.2810		-.1080			-.5940
	.865	-.2370					
	.900		-.1390				
	.955			-.0540	-.0220	-.2910	
	.950		-.0570				
	.953	-.2010					
	.965						

MACH (3) = 1.105 ALPHAT(8) = 5.960

Y/BV	.299	.364	.427	.534	.673	.780	.887
X/CW	-.5800	-.4900	.0680	.4210	.3820	.3670	.0960
	.000			-.6680	-.6800	-.6830	-.6960
	.090		-.3300				
	.081	-.1030					
	.086						
	.024	-.3250					

DATE 21 SEP 79

TABULATED PRESSURE DATA - 1A9A

PAGE 1920

ANES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RBM031)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(10) = 9.950

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.806			-.2880				
.804	-.1030			-.2920	-.5170	-.5290	
.850			-.2430				
.857							
.865	-.1570			-.2660			-.5050
.900	-.1220		-.1820				
.905				-.2090	-.4600	-.5160	
.950			-.1620				
.953							
.965	-.0310						

MACH (4) = 1.250 ALPHAT(1) = -6.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.1590	-.1370	.1050	.4380	.4490	.4140	.4070
.081			.1390	.2190	.2630	.2650	
.086		-.0390					
.094	-.0290			-.0130	-.0010	-.0400	-.0390
.150			.0160				
.177							
.229	-.0380						
.246		-.0810		-.1190	-.1440	-.1220	-.1700
.250							
.352	-.0680			-.2420	-.2370		-.2620
.400			-.2010				
.402							
.497	-.0720			-.0260	-.3100		
.550			-.0020				-.4190
.555						-.2290	
.600					-.0940		
.650	.0310						
.700				-.0370		-.1450	-.4070
.725			-.0410				
.750							
.760			-.0580	-.0760	-.0970		
.775							
.818							
.834	-.0080		-.0440	-.0490	-.0890	-.0790	
.850							
.857							
.865	-.1040			-.0350			.0090
.900	-.0180		-.0270				
.905				.0010	.0090	.0350	
.950			-.0070				
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 1923

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMUD1)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.250 ALPHAT(4) = -1.980

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.590							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.935							
.950							
.953							
.965							
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.500							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (4) = 1.249 ALPHAT(5) = .040

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.500							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA
AMES 11-707 IAS O2A + S3 + T9 UPPER WING

(RENUJ01)

SECTION (2) UPPER WING		DEPENDENT VARIABLE CP							
MACH (4) = 1.249	ALPHAT(5) = .040	Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
		.638			-.1310				
		.834	-.0900			-.1300	-.1510	-.3580	
		.850			-.1140				
		.857							
		.865	-.1550			-.1170			-.4790
		.900	-.1200		-.1010				
		.905				-.0710	-.0520	-.1760	
		.950			-.0970				
		.953							
		.965	-.1080						
MACH (4) = 1.247	ALPHAT(6) = 2.030	Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
		.000	-.3830	-.3130	.3030	.5930	.5190	.5300	.5200
		.050				-.2780	-.3050	-.3180	-.2370
		.081			-.1350				
		.086		-.1260					
		.094	-.1720			-.3850	-.3850	-.4070	-.4400
		.150			-.3040				
		.177							
		.229	-.1430		-.2020				
		.246				-.4240	-.4860	-.4970	-.5290
		.250							
		.362	-.1840			-.4480	-.5510		-.5630
		.400			-.3810				
		.402							
		.497	-.1440			-.4520	-.5870		
		.550			-.3930				-.6500
		.565						-.6570	
		.600							
		.650	-.2550			-.5700			
		.700				-.1930		-.6400	-.6380
		.725							
		.750			-.1510				
		.760				-.1800	-.4190		
		.775			-.1590				
		.808							
		.834	-.1000			-.1640	-.2520	-.4710	
		.850							
		.857			-.1420				
		.865	-.1750						-.5470
		.900	-.1370			-.1480			
		.905			-.1210				
		.950				-.1070	-.0670	-.2680	
		.953			-.1090				

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TABULATED PRESSURE DATA - 1A9A

PAGE 1927

ANES 11-707 1A9 02A + S3 + T9 UPPER MINE

(RBNJ01)

SECTION (1) UPPER MINE

DEPENDENT VARIABLE CP

MACH (4) = 1.267 ALPHAT(9) = 9.010

Y/BW
X/CJ

.550	.299	.364	.427	.534	.673	.780	.887
.563				-.5110	-.7040		
.600			-.4950				-.6350
.650					-.6440		-.7010
.700	-.4320			-.3020		-.6400	-.6300
.725							
.750			-.2670	-.2270	-.5960		
.760			-.2670				
.775							
.808							
.834	-.1440			-.1930	-.9050	-.5960	
.850			-.2420				
.857							
.865	-.2090			-.1900			-.6280
.900	-.1820		-.1930				
.905				-.1660	-.4090	-.5360	
.950			-.1810				
.953							
.965	-.1650						
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CJ							
.000	-.3980	-.3710	-.2050	.3900	.3890	.3610	.0290
.050				-.6430	-.6120	-.6220	-.6450
.081			-.5990				
.086							
.094	-.4290			-.6890	-.6770	-.6930	-.7060
.150			-.5400				
.177							
.229	-.2530						
.246							
.250				-.6670	-.6710	-.6860	-.5390
.362	-.2440						
.400				-.6500	-.6550		-.5310
.402			-.4850				
.497	-.2620						
.550			-.5190	-.5640	-.5630		
.585							
.600							-.5300
.690						-.5480	
.700	-.4710				-.5330		
.725				-.3870			-.5420
.750							-.5220
.760			-.2500				
.775				-.3990	-.5150		

MACH (4) = 1.266 ALPHAT(10) = 9.960

PAGE 1920

(RBMJ01)

DEPENDENT VARIABLE: CP

.806	- .2209
.834	- .1579
.859	- .3669 - .4729 - .5379
.857	- .2129
.865	- .2949
.900	- .3199
.905	- .2319
.950	- .2259 - .4339 - .5259
.953	- .2479
.965	- .0649
	- .5219

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

PAGE 1929

AMES 11-757 1A9 OCA + S3 + T9 UPPER WING

(RBMJ02) (27 APR 75)

REFERENCE DATA

SREF = 2.4210 SR.FT. XWRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YWRP = .0000 INCHES
 BREF = 39.8490 INCHES ZWRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

BETAT = .000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUDEFL = .000

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .598 ALPHAT(1) = -8.020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0670	-.1600	.1180	.0970	-.0410	-.2210	-.2020
.050				.1750	.1880	.2000	.1840
.081		.0530	.1230				
.086							
.094	.0740						
.150							
.177			-.0230				
.229	.0580						
.246		.0410					
.250							
.362	.0170						
.400							
.402			-.2320				
.497	-.0560						
.550							
.565			-.1890				
.600							
.650							
.700	-.1210						
.725							
.750							
.760							
.775							
.808							
.834	-.0230						
.850							
.857			.0520				
.865	-.0140						
.900	.0280						
.905							
.950							
.953							
.965	.0080						
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	-.0420	-.0760	.2010	.2690	.1830	.0820	.0600
				.0780	.0980	.0880	.0930
			.0430				
		.0490					
	.0590						

MACH (1) = .598 ALPHAT(2) = -6.020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0420	-.0760	.2010	.2690	.1830	.0820	.0600
.050				.0780	.0980	.0880	.0930
.061			.0430				
.066		.0490					
.094	.0590						

1A9 02A + S3 + T9 UPPER WING

(RB.MJ2)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

$$\text{MACM} (1) = .598 \text{ ALPHA} (2) = -6.5203$$

Y/B4	.299	.364	.427	.534	.673	.780	.887
X/C4							
.150							
.177			-.0890				
.229	.0360	.0020					
.246							
.250							
.362	-.0220						
.400							
.402			-.2580				
.497	-.0680						
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.834							
.850							
.857							
.865							
.920							
.905							
.950							
.953							
.965							
Y/B4	.293	.364	.427	.534	.673	.780	.887
X/C4							
.000							
.050	-.0430	-.0190	.2580	.3900	.3380	.2940	.2840
.081				-.0310	-.0210	-.0590	-.0330
.086		.0410					
.094	.0370						
.150							
.177							
.229	.0150						
.246		-.0490					
.250							
.362	-.0610						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.834							
.850							
.857							
.865							
.920							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A3A

AVES 11-707 IAG 02A + S3 + T9 UPPER MINE

(RBM02)

DEPENDENT VARIABLE CP

SECTION (1) UPPER MINE

MACH (1) = .599 ALPHAT(3) = -3.990

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.750							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (1) = .598 ALPHAT(4) = -1.910

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBHJC2)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .598 ALPHAT(4) = -1.910

Y/BW

X/CW

.808	.299	.364	.427	.534	.673	.80	.887
.834	-.0330		.0150				
.850				.0810	.0940	.1110	
.857			.0540				
.865	-.0120			.1050			.1350
.900	.0260		.0740				
.905				.1300	.1530	.1560	
.950			.0940				
.953							
.965	.0270						

MACH (1) = .599 ALPHAT(5) = .020

Y/BW

X/CW

.000	.299	.364	.427	.534	.673	.780	.887
.050	-.1070	-.0140	.2550	.4590	.4090	.4220	.3070
.081			-.2940	-.2980	-.3320	-.4220	-.4060
.086		-.0160					
.094	-.0020			-.4250	-.5180	-.6130	-.6110
.150			-.3140				
.177							
.229	-.0450	-.1740					
.246				-.4700	-.5350	-.5460	-.5270
.290				-.4220	-.4830		-.5120
.362	-.1630		-.3610				
.400				-.2700	-.3040		
.402							
.497	-.2110		-.2460				-.2430
.550							
.565							
.600							
.650	-.1770			-.0600		-.1710	
.700							-.0230
.725							
.750			-.0960				
.760				.0230	.0170		
.775			.0140				
.808							
.834	-.0400			.0790	.0930	.1050	
.850			.0350				
.857							
.865	-.0120			.1050			.1200
.900	.0260		.0700				
.905				.1320	.1510	.1530	
.950			.0960				
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 UPPER MINE

(RBMJ02)

SECTION (1) UPPER MINE
DEPENDENT VARIABLE CP

MACH (1) = .599	ALPHAT(5) = .023	Y/BW X/CW	.299 .963	.364 .0300	.427 .	.534 .	.673 .	.780 .	.887 .
MACH (1) = .599	ALPHAT(6) = 2.020	Y/BW X/CW	.299 .003	.364 -.1880	.427 .1860	.534 .4000	.673 .3190	.780 .3130	.887 .0690
			.050			-.4770	-.5420	-.6600	-.6760
			.081	-.0620	-.4620				
			.086	-.0350		-.5320	-.6550	-.7730	-.7920
			.094		-.4120				
			.150						
			.177						
			.229	-.0600	-.2570				
			.246			-.5500	-.6320	-.6510	-.6370
			.290	-.2170		-.4560	-.5320		-.5770
			.362		-.4040				
			.400						
			.402	-.2680	-.2600	-.2860	-.3270		
			.497						
			.550						-.2760
			.565					-.1970	
			.600			-.0640	-.1060		
			.650	-.1980				-.0210	-.0530
			.700			-.0430			
			.725			.0200	.0140		
			.750			.0040			
			.775						
			.808						
			.834	-.0480		.0750	.0860	.0940	
			.850						
			.857			.0480			
			.865	-.0180					
			.900	.0250		.1020			.0960
			.905			.0700			
			.950			.1260	.1460	.1470	
			.953			.0930			
			.965	.0320					
MACH (1) = .597	ALPHAT(7) = 4.020	Y/BW X/CW	.299 .003	.364 -.2760	.427 .0860	.534 .2800	.673 .1680	.780 .1160	.887 -.3360
			.050			-.6670	-.7620	-.9430	-.9710
			.081		-.9950				
			.086	-.0930					
			.094						

ANES 11-707 IAG Q2A + S3 + T9 UPPER WING

(FBI/DOJ)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

$\text{MACH} (1) = .597 \quad \text{ALPHAT} (7) = 4.920$

Y/BW
X/CW
662.

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW	.150						
.177	-.0950		-.4880				
.229	-.3090						
.246							
.250							
.362	-.2460						
.400							
.402			-.4120				
.497	-.2960						
.550							
.555			-.2570				
.600							
.650							
.700	-.1970						
.725							
.750			-.0420				
.760							
.775			.0720				
.803							
.834							
.850	-.0930						
.857			.0480				
.865	-.0040						
.900	.0480						
.955			.0730				
.950							
.953			.1000				
.965	.0900						
Y/BW	.289	.364	.427	.534	.673	.785	.887
X/CW	.150						
.090	-.4030		-.0490				
.090							
.081			-.7930				
.086							
.094	-.0890						
.150							
.177			-.5880				
.229	-.1300						
.246			-.4050				
.290							
.362	-.3070						
.400							
.402							
.497	-.3590		-.4400				

$\text{MACH} (1) = .599 \quad \text{ALPHAT} (6) = 6.513$

YR/W	.299	.364	.427	.534	.673	.783	.887
X/W	-.4030	-.3500	-.0450	.1190	-.0650	-.2240	-.8910
.000				-.6810	-.1040	-.2650	-1.1890
.050			-.7930				
.081							
.086		-.1560					
.094		-.0690					
.150			-.5880	-.7450	-.9450	-.1110	-1.1180
.177							
.229	-.1300						
.246		-.4050					
.250				-.6930	-.8060	-.5170	-.8990
.362	-.3070						
.400				-.5160	-.6130		-.6950
.402			-.4400				
.497	-.3590						

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM002)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .599 ALPHAT(8) = 6.010

Y/BW
X/CW

.550	.299	.364	.427	.534	.673	.780	.887
.565				-.2930	-.3500		-.3630
.600							
.650							
.700	-.2160						
.725							
.750							
.760							
.775							
.808							
.834	-.0350						
.850							
.857							
.865	.0000						
.900	.0470						
.905							
.930							
.933							
.965	.0490						
Y/DW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4920	-.4840	-.1710	-.0470	-.3380	-.5650	-1.2540
.090							
.081							
.086							
.094							
.150							
.177							
.229	-.1440						
.246							
.250							
.362	-.3570						
.400							
.422							
.497	-.3830						
.550							
.565							
.600							
.650							
.700	-.2020						
.725							
.750							
.760							
.775							

MACH (1) = .597 ALPHAT(9) = 8.000

.000	-.4920	-.4840	-.1710	-.0470	-.3380	-.5650	-1.2540
.090							
.081							
.086							
.094							
.150							
.177							
.229	-.1440						
.246							
.250							
.362	-.3570						
.400							
.422							
.497	-.3830						
.550							
.565							
.600							
.650							
.700	-.2020						
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM022)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .597 ALPHAT (9) = 8.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			.0350				
.834	-.0090			.0450	.0480	.0150	
.860			.0590				
.857				.0810			-.0420
.865	.0220						
.900	.0660		.0880	.1050	.1140	.0820	
.905			.1080				
.950							
.953	.0710						
.965							
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0150	-.0900	.2640	.3360	.2220	.1090	.0690
.050			.1880	.2200	.2180	.1870	.1550
.081		.1080					
.086	.1090			-.0170	-.0770	-.1460	-.1980
.094			.0520				
.150							
.177	.0960						
.229		.1150		-.1720	-.2440	-.2410	-.3380
.246				-.2910	-.3970		-.5500
.250							
.362	.0810		-.2130				
.400				-.3600	-.4770		
.402	.0210						
.497			-.2950				-.4520
.550							
.565							
.600							
.650	-.1800			-.1820		-.3490	
.700				-.1020			
.725							
.750			-.0720				
.760				.0170	.0240		
.775			.0070				
.808							
.834	-.1150			.0890	.1180	.1390	
.850			.0430				
.857							
.865	-.0380			.1140			.1580
.900	.0300		.40				
.905				.1180	.1690	.1960	
.950			.0750				
.953							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(R89402)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .903 ALPHAT(1) = -6.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.0200						

MACH (2) = .901 ALPHAT(2) = -6.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	-.0060	-.0130	.3140	.4240	.3250	.2410	.2050
	.050			.1270	.1160	.0980	.0830
	.081		.1000				
	.086	.0970					
	.094						
	.150						
	.177						
	.229	.0740	-.0200				
	.246						
	.250	.0630					
	.362	.0380					
	.400						
	.402						
	.497	-.0300	-.2630				
	.550						
	.565						
	.600						
	.650						
	.700	-.2120	-.3220				
	.725						
	.790						
	.760						
	.775						
	.808						
	.834						
	.850						
	.857						
	.865						
	.900						
	.903						
	.950						
	.953						
	.965						

-.0980 -.1690 -.2710 -.3040

-.2430 -.3000 -.3030 -.4310

-.3530 -.4190

-.3940 -.5270

-.2340

-.1350

-.0920

.0340 .0280

.0930 .1180 .1240

.1220

.0790 .1350 .1770

.0870

.1690

MACH (2) = .900 ALPHAT(3) = -4.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	-.0090	.0330	.3460	.4930	.4090	.3630	.3280
	.050			.0170	.0220	-.0120	-.0260
	.050						
	.081						
	.086	.0800					
	.094						

TABULATED PRESSURE DATA - IA9A

DATE 21 SEP 73

AMES 11-707 IA9 OCA + S3 + T9 UPPER WING

(RBMJ02)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = .930 ALPHAT (3) = -4.030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.190							
.177							
.229	.0930						
.246		.0130					
.250							
.362	-.0080						
.400							
.402							
.497	-.0630						
.550							
.565							
.600							
.650							
.700	-.2460						
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865	-.0290						
.900	.0230						
.915							
.931							
.953							
.965	.0330						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0340	.0510	.3480	.5280	.4670	.4480	.3850
.050				-.0950	-.1040	-.1580	-.1760
.081							
.086							
.094	.0620						
.150							
.177							
.229	.0290						
.246							
.250	-.0580						
.362							
.400	-.0470						
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.915							
.931							
.953							
.965							

MACH (2) = .696 ALPHAT (4) = -1.990

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0340	.0510	.3480	.5280	.4670	.4480	.3850
.050				-.0950	-.1040	-.1580	-.1760
.081							
.086							
.094	.0620						
.150							
.177							
.229	.0290						
.246							
.250	-.0580						
.362							
.400	-.0470						
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.915							
.931							
.953							
.965							

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

(68HJ02)

AVES 11-707 1A9 CEA + S3 + T9 UPPER WING

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = .896 ALPHAT (4) = -1.990

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.590							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = .899 ALPHAT (5) = .010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.590							
.590							
.581							
.586							
.584							
.550							
.577							
.529							
.546							
.550							
.562							
.500							
.502							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .899 ALPHAT(5) = .010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.838			.0240				
.834	-.1200			.1100	.1220	.1080	
.850			.0790				
.857							.1700
.865	-.0160			.1460			
.900	.0640		.1120	.1690	.1980	.2030	
.905							
.950			.1310				
.953							
.955	.0690						

MACH (2) = .896 ALPHAT(6) = 2.040

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000			.2860	.4990	.4290	.4350	.2930
.050	-.1880	-.0630		-.5030	-.4380	-.5530	-.5440
.081			-.3340				
.086		.0000					
.094		.0170		-.5670	-.6720	-.7680	-.8330
.150			-.2570				
.177		-.0180					
.229			-.1550				
.245				-.5900	-.7350	-.8480	-.9060
.250							
.362	-.1390			-.6410	-.7780		-.9290
.400			-.6670				
.402							
.497	-.2400		-.4410	-.5140	-.6900		-.4010
.550							
.565							
.600							
.650		-.3330			-.1250	-.2800	
.700				-.0760		-.0690	-.3200
.725			-.0610				
.750				.0320	.0090		
.760			.0180				
.775							
.808							
.834	-.1280			.1030	.1300	.1050	
.850			.0750				
.857							.0160
.865	-.0090			.1490			
.900	.0610		.1170	.1630	.2060	.1910	
.905							
.950			.1400				
.953							

DATE: 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
 ANES 11-707 1A9 OCA + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .898 ALPHAT(6) = 2.040

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	.0790						

MACH (2) = .905 ALPHAT(7) = 4.040

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2790	-.1380	.2200	.4450	.3410	.3350	.0560
.050				-.7160	-.7053	-.7740	-.7990
.081			-.4370				
.096		-.0280					
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = .897 ALPHAT(8) = 6.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.3490	-.2460	.1490	.3950	.2610	.2170	-.1070
.050				-.7970	-.9970	-.0220	-1.0610
.081							
.086							
.094							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 OEA + S3 + T9 UPPER WING

(2BM102)

SECTION (1) UPPER WING

MACH (2) = .950 ALPHAT (9) = 0.000

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.887
.593			-.2810	-.2530	-.3880		
.565						-.5710	-.5410
.600					-.4480		
.650	-.2350			-.2250		-.5480	-.5280
.700			-.1340		-.3950		
.725				-.1630			
.750							
.760							
.775							
.808							
.834	-.1280			-.1070	-.3260	-.4930	
.850			.0120				
.857							
.865	-.0680			-.0550			-.4930
.900	.0050		.0440				
.905				-.0750	-.1650	-.4180	
.950			.0850				
.953							
.965	.0370						

MACH (3) = 1.102 ALPHAT (1) = -0.050

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.887
.000	-.2550	-.3550	.3480	.4890	.4170	.7250	.3350
.050			.2620	.3020	.3250	.3260	
.081		-.0290					
.086	-.0240			.1090	.1650	.0160	.0450
.094			.1660				
.150							
.177	-.0480						
.229		.1530					
.246				-.0210	-.0450	.0250	-.0840
.250							
.362	.0180			-.0410	-.1830		-.2420
.400			.0080				
.402							
.497	.1280						
.550			-.0270	-.0550	-.1730		
.565							-.4160
.600						-.3070	
.650	.0650			-.2770			
.700				-.1880			-.3180
.725							-.3850
.750							
.760			-.1110	-.1690	-.2330		
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A8A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(23-022)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(1) = -8.080

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.857
.808			-.1370				
.834	-.0520			-.1350	-.1990	-.2250	
.850			-.1180				
.857				-.0310			-.1140
.865	-.1880						
.900	-.0630		-.0580	-.0120	-.0300	-.0530	
.905							
.950			.0270				
.953							
.965	-.0250						

MACH (3) = 1.103 ALPHAT(2) = -6.010

Y/BW X/CW	.299	.364	.427	.534	.672	.780	.867
.800	-.2790	-.2470	.3840	.5530	.4720	.5280	.4210
.830			.1790	.2100	.2150	.2370	.2650
.881		.0750					
.886	-.0560			-.0630	.0050	-.0950	-.0840
.894							
.910			.1010				
.917	-.0590						
.929		.1220		-.0260	-.1230	-.0930	-.2700
.946				-.1100	-.1230		-.2880
.962			-.0640				
.997	.0780		-.0510	-.0940	-.2120		-.4450
.950						-.3380	
.955					-.2870		
.960				-.1940			
.960	.0410					-.3450	-.4010
.970							
.975			-.1210	-.1820	-.2710		
.980			-.1480				
.984	-.0700			-.1530	-.2230	-.2410	
.990							
.997			-.1390				
.965	-.1850			-.1220			-.1760
.970	-.0950		-.1070	-.0610	-.0720	-.0480	
.975							
.980							
.984							
.990							
.997							
.950							
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(25452)

DEPENDENT VARIABLE (CP)

2025 RELEASE UNDER E.O. 14176

WACH (3) = 1.123 ALPHAT(2) = -6.019

[illegible]

WCH (3) = 1.12E ALPHAT(3) = -4.50E

1984	259	364	427	534	673	790	887
1985	259	379	477	592	510	580	680
1986	259	481	1080	1040	1620	1610	1370
1987	259	1047		1470	1690	2150	2250
1988			1110				

1539°-	0632°-	0691°-	0260°-	0107°
0221°-	0622°-	0602°-	0603°	052°
				97°
				622°

497	-10110	-2253	-6675
550		-1113	
565		-1521	-3850
600			-3115
650			
665			

725	2000	3000	4000
753	1900	2800	3700
760	1800	2700	3600
775	1700	2600	3500
818	1600	2500	3400
872	1500	2400	3300

850	-1,690	-23,43	-2210
857			
865	-1,990	-1,410	-5,680
900	-1,170		
905	-1,220	-5,860	-5091
905			-50250

0.953					
0.965	-.08923	.299	.364	.427	.534
					.673
					.780
					.857
					.935
					.975
					.9875
					.9975
					1.0000

$$\text{MACH} \quad (3) = 1.102 \quad \text{ALPHAT} \quad (4) = -1.990$$

Variable	Mean	Standard deviation	Skewness	Kurtosis
YBM	.299	.364	.427	.534
X/M	-.320	-.140	.600	.547
.950			-.031	-.035
.981			.541	
.986		.040		
.994	-.163			

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

230022

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (3) = 1.172 ALPHAT (4) = -1.993

Y/BW X/CW	.299	.364	.427	.534	.673	.761	.887
.193							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							

MACH (3) = 1.102 ALPHAT (5) = -.030

Y/BW X/CW	.299	.364	.427	.534	.673	.761	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.225							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73

----- PRESSURE DATA - 1A9A

AVES 11-797 1A9 02A + S3 + T9 UPPER WING

(REVISED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

$$\text{MACH } (3) = 1.102 \quad \text{ALPHAT}(6) = 1.590$$

Y/BW	.299	.364	.427	.534	.605
X/CW					
.808			-.1860		
.834	-.1270			-.1950	-.1800
.850					
.857			-.1850		
.865	-.2210			-.1700	-.3340
.900	-.1600				
.905			-.1690	-.1040	-.0170
.950					
.953			-.1360		
.965	-.1920				

$$1.72 \times 10^7 \text{ ALPHAT(7)} = 3.900$$

Y/BW	.299	.364	.427	.334	.613
X/CW	-.4790	-.3420	.2750	.5950	.4740
.500				-.4100	-.5520
.550			-.1760		
.581		-.0380			
.586	-.2160			-.4620	-.5870
.594					-.6450
.590			-.3410		
.577	-.0680				
.229		-.1450			
.246				-.5060	-.6540
.253					-.7350
.362	-.0670			-.5640	-.6650
.400			-.5090		-.7480
.402					
.497	-.1670			-.4720	-.7020
.550			-.2890		-.7400
.565					
.600					-.7980
.650				-.4450	
.700	-.2210			-.2360	-.4550
.725					-.6590
.750			-.2160		
.760				-.2420	-.2800
.775			-.2100		
.808					
.834	-.1530			-.1980	-.3110
.850			-.2000		
.857					
.865	-.2500			-.1310	
.920	-.1870		-.1800	-.0550	.0940
.905					-.1990
.500	-		-.1280		
-.953					-.6200

DATE 21 SEP 73

TABLE 1. STABILIZED PRESSURE DATA - 1A9A

AMFS 11-737 1A9 02A + S3 + T9 UPPER WING

(R094J02)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

$$\max_{\alpha} \alpha = 1.172 \quad \text{ALPHAT}(7) = 3.980$$

γ/BN	.299	.364	.427	.534	.675	.765	.867
χ/Cu	.965	-.1610					

MACH (3) = 1.172 ALPHA(8) = 5.973

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW	-.5440	-.5010	.1980	.5700	.4480	.4360	.1340
.050				-.5760	-.5980	-.6090	-.6120
.081			-.2610				
.086		-.0680					
.094	-.2460						
.150				-.5780	-.6350	-.7110	-.7530
.177			-.3910				

229	-.0770	-.1620	-.5800	-.7140	-.7790	-.8150
246						
250						
362						
450						
402						
497						
550						
565						
600						
650						
700						
725						

[illegible]

Y/BW	.299	.364	.427	.534	.673	.783	.887
X/CW	-.5950	-.5110	.1100	.4780	.4170	.3630	.3180
.090				-.6680	-.6840	-.6990	-.7280
.081			-.3460				
.086		-.1060					
.094	-.2890						

$$\text{MACH} (3) = 1.101 \quad \text{ALPHAT} (9) = 7.940$$

Y/BW	.299	.364	.427	.534	.675	.765	.867
X/CW	.000	-.5925	-.5110	.4780	.4170	.3830	.0180
.050				-.6680	-.6940	-.6995	-.7280
.081			-.3460				
.066		-.1060					
.094	-.2890						

DATE 21 SEP 75 TABULATED PRESSURE DATA - 1A9A
 AMES 11-707 IAS OSA + S3 + T9 UPPER WING

(RENUJ02)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP					
MACH (4) = 1.248 ALPHAT(1) = -8.060		Y/BW	X/BW	Y/BW	X/BW	Y/BW	X/BW
		.590	.299	.364	.427	.534	.673
		.565				.780	.887
		.600			.0390	.0270	-.0370
		.650					-.3990
		.700	.0680			-.1350	
		.725				-.0990	
		.750				-.1440	-.1920
		.760			-.0220		
		.775			-.0320	-.0510	-.0980
		.808					
		.834	.0190			-.0230	-.0830
		.850			-.0170		
		.857					
		.865	-.0790			-.0190	.0020
		.920	.0090		.0060	.0260	.0270
		.935			.0350		
		.950					
		.953	.0270				
		.965					
		Y/BW	.299	.364	.427	.534	.673
		X/BW				.780	.887
		.000	-.1670	-.1480	.1090	.5390	.4920
		.050				.2160	.2380
		.081			.1490		
		.086	-.0920				
		.094				-.0170	-.0270
		.150	-.0550		.0280	-.0640	-.0700
		.177					
		.229	-.0630				
		.246		-.0970		-.1260	-.1470
		.290				-.1420	-.1900
		.362	-.0890			-.2340	-.2320
		.400					-.2880
		.402			-.1970		
		.497	-.0790			-.0320	-.3320
		.590			-.0140		
		.565					-.4320
		.600				-.3720	
		.650				-.1060	
		.700	.0200			-.0900	
		.725				-.1690	-.4420
		.750			-.0460		
		.760			-.0670	-.1070	
		.775					

MACH (4) = 1.248 ALPHAT(2) = -6.020

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(R004002)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.248 ALPHAT(2) = -6.020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.0600				
.834	-.0100			-.0400	-.0830	-.0860	
.850			-.0320				
.857							.0050
.865	-.1060			-.0280			
.900	-.0300						
.905			-.0150	.0010	.0030	.0350	
.950			.0180				
.953							
.965	-.0220						

MACH (4) = 1.249 ALPHAT(3) = -3.980

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1940	-.1180	.2010	.5810	.5430	.5360	.4830
.050			.1080	.1150	.1540	.1870	.1750
.081		-.0700					
.086							
.094	-.0740		-.0410	-.0780	-.0960	-.1410	-.1470
.150							
.177							
.229	-.0890						
.246		-.1020		-.1770	-.2060	-.2170	-.2800
.250							
.362	-.1090			-.2890	-.3020		-.3440
.400			-.2470				
.402							
.497	-.0630			-.1620	-.3870		
.550			-.0880				-.4920
.565							
.600						-.4640	
.650					-.1420		
.700	-.0290			-.0640		-.2820	-.4570
.725							
.750			-.0670				
.760				-.0840	-.1290		
.775			-.0830				
.808							
.834	-.0440			-.0630	-.1090	-.1140	
.850			-.0520				
.857							
.865	-.1150			-.0470			-.0920
.900	-.0660						
.905			-.5400	-.0280	-.0050	.0210	
.950							
.953			-.0250				

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER MINE

(RBMJDE)

SECTION (1) UPPER MINE		DEPENDENT VARIABLE CP			
MACH (4) = 1.249 ALPHAT (3) = -3.980		Y/BW	.299	.364	.427
		X/CW	.965	-.0540	
				.534	.673
				.780	.887
MACH (4) = 1.245 ALPHAT (4) = -1.990		Y/BW	.299	.364	.427
		X/CW	.965	-.0540	
				.534	.673
				.780	.887
				.6340	.5680
				.0140	.0490
				.0650	
				-.0480	
				-.0920	
				-.1340	-.1800
				-.2180	-.2280
				-.0830	
				-.1080	
				-.2350	-.2880
				-.3090	-.3130
				-.4190	
				-.2670	
				-.3080	-.4290
				-.1370	
				-.5070	-.5360
				-.2480	
				-.0790	-.4940
				-.5120	
				-.0680	
				-.0920	-.1820
				-.0880	
				-.0810	-.1180
				-.1840	
				-.0620	-.3280
				-.0530	
				-.0400	-.0100
				-.0630	
				-.0410	
				-.0620	
MACH (4) = 1.246 ALPHAT (5) = .040		Y/BW	.299	.364	.427
		X/CW	.965	-.0540	
				.534	.673
				.780	.887
				.6320	.5730
				-.1190	-.0610
				-.0900	-.0270
				.0050	
				-.0760	
				-.1290	

DATE 21 SEP 73

TABLED PRESSURE DATA - 1A9A

AVES 11-7J7 1A9 QEA + S3 + T9 UPPER WING

12-00000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

$$\text{WACH} (4) = 1.245 \text{ ALPHAT} (7) = 3.975$$

•

MO/	652.	595.	427.
MA/			

SW	.299	.364	.427	.534	.673	.780	.857
CW			- .1630				
SCA	-.0960	.834					
				- .1670	- .2890	-.5090	

.850	-.1270		
.857			
.865	-.1790	-.1450	-.5640
.870	-.1360		
.905		-.1030	
.950		-.1040	-.0790
.953		-.0850	-.3110
.965	-.1290		

596 - .1295

$$\text{MACH}(4) = 1.245 \quad \text{ALPHAT}(8) = 5.990$$

237.

Y/B/A	.299	.364	.427
Y/O			

EW	.299	.364	.427	.504	.617
OW	-.3930	-.3760	.1910	.5620	.5110
				-.4375	-.4270
.050					-.4330
.081			-.2930		

-.1760

.086	-.1760
.094	-.1870
.150	-.4740
---	-.5370
---	-.5460
---	-.3940

477 - 4857

622
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-5210 -5640 -6050 -6200

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2000 -1.4810 -1.6220
2001 -1.1710 -1.6510

[illegible]

22-1647

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DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 CCA + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.245 ALPHAT(8) = 5.990

MACH (4) = 1.247 ALPHAT(9) = 7.980

Y/BW	Y/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.1460							
Y/BW	Y/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4780	-.3880	.5550	.5190	.4310	.4720	.2420	
.050								
.081								
.086								
.094								
.150								
.177								
.229								
.246								
.250								
.362								
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.497								
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.650								
.700								
.725								
.750								
.780								
.775								
.808								
.834								
.850								
.857								
.865								
.900								
.905								
.950								
.953								
.965								

MACH (9) = 1.401 ALPHAT(1) = -8.050

Y/BW	Y/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0640	-.0790	.0680	.4440	.4190	.3720	.4140	
.050								
.081								
.086								
.094								
.150								
.177								
.229								
.246								
.250								
.362								
.400								
.402								
.497								
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DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REVIS2)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (5) = 1.401 ALPHAT (1) = -8.050

Y/BW	Y/CW	.299	.364	.427	.534	.673	.780	.887
.190				.0500				
.177		.0190			.0450	.0500	.0295	.0540
.229			-.0350					
.246					-.0610	-.0630	-.0440	-.0450
.250		-.0090			-.1830	-.1760		-.1720
.352				-.1570				
.403					-.2080	-.2630		
.402		-.0670		-.1220				
.497							-.3080	-.3200
.550						-.1670		
.555					.0300		-.3140	-.3470
.600								
.650		-.0140			.0300	-.0400		
.700				.0250				
.725				-.0010				
.750					.0220	.0200	-.0720	
.760								
.775								
.809		.0430		.0130				-.2570
.834					.0270			
.850				.0340	.0650	.0750	.0280	
.857								
.865		-.0310						
.900		-.0120						
.905								
.950				.0480				
.953		.0100						
.965								

MACH (5) = 1.396 ALPHAT (2) = -5.970

Y/BW	Y/CW	.299	.364	.427	.534	.673	.780	.887
.000								
.050		-.0960	-.0380	.1350	.4730	.4450	.4670	.5030
.050					.1770	.2650	.2620	.2820
.081				.1030				
.086			-.0030					
.094		-.0020			-.0050	.0160	-.0100	-.0010
.150				-.0010				
.177								
.229		-.0070						
.246			-.0610		-.1120	-.1100	-.0970	-.1270
.250								
.362		-.0420			-.2150	-.2120		-.2120
.400								
.402				-.1970				
.497		-.0910						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + 19 UPPER WING

(REV 12)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (5) = 1.396 ALPHAT(3) = -3.980

Y/B4 X/C4	.299	.364	.427	.534	.673	.780	.887
.808			-.0370				
.834	-.0110			-.0060	-.0090	-.0020	
.850							
.877							
.965	-.0770			-.0740			-.3110
.900	-.0350						
.925							
.955				.0280	.0000	-.0220	
.953							
.965	-.0250						

MACH (5) = 1.396 ALPHAT(4) = -1.980

Y/B4 X/C4	.299	.364	.427	.534	.673	.780	.887
.000	-.1600	-.0750	.2340	.5790	.5540	.5720	.5520
.050				.0200	.0850	.1150	.1610
.081							
.086		-.0350					
.094	-.0980						
.150							
.177							
.229	-.0530						
.245		-.1140					
.250				-.2000	-.2200	-.2250	-.2500
.362	-.0950						
.400				-.2040	-.3180		-.3260
.402							
.497	-.1320						
.550				-.3140	-.3840		
.565							
.600				-.2020			
.650							
.700	-.1310						
.725				-.1140	-.6130		-.6380
.750							
.760				-.0510			
.775							
.808				-.0670	-.2950		
.834	-.0380						
.850							
.857				-.0350	-.0730	-.0780	
.865	-.0680						
.920	-.0570			-.0270			-.3220
.925							
.950				-.0230			
.953							
.955							

DATE 2: SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 UPPER MING

(REMARK2)

SECTION (1) UPPER MING

DEPENDENT VARIABLE CP

MACH (5) = 1.396 ALPHAT(4) = -1.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.963	-.0440					

MACH (5) = 1.396 ALPHAT(5) = .040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.1890	.2590	.6100	.5850	.6110	.5670
	.050		-.0430	-.0560	-.0070	.0100	.0650
	.081						
	.086	-.0550					
	.094						
	.150						
	.177						
	.229	-.0720					
	.246		-.1580				
	.250						
	.362	-.1110					
	.400		-.2900				
	.422						
	.497	-.1410					
	.550						
	.565						
	.600						
	.650						
	.700	-.1810					
	.725						
	.750						
	.760		-.0880				
	.775						
	.808		-.0840				
	.834	-.0600					
	.850						
	.857						
	.865	-.1060					
	.900	-.0770					
	.905						
	.950						
	.953						
	.963	-.0640					

MACH (5) = 1.393 ALPHAT(6) = 2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.1890	.2660	.6470	.6020	.6430	.5360
	.050						
	.081						
	.086						
	.094						
	.150						
	.177						
	.229	-.0720					
	.246						
	.250						
	.362	-.1110					
	.400						
	.422						
	.497	-.1410					
	.550						
	.565						
	.600						
	.650						
	.700	-.1810					
	.725						
	.750						
	.760		-.0880				
	.775						
	.808		-.0840				
	.834	-.0600					
	.850						
	.857						
	.865	-.1060					
	.900	-.0770					
	.905						
	.950						
	.953						
	.963	-.0640					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM1512)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (5) = 1.393 ALPHAT (6) = 2.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.190							
.177							
.229	-.10990						
.246		-.1590					
.250							
.362	-.1260						
.400							
.402							
.497	-.1600						
.590							
.585							
.600							
.650							
.700	-.2590						
.725							
.750							
.760							
.775							
.808							
.834	-.0660						
.850							
.857							
.855	-.1070						
.900	-.0730						
.905							
.950							
.953							
.965	-.0590						
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000							
.050	-.2000	-.2640	.2280	.6330	.6170	.6100	.4690
.081				-.2080	-.1860	-.2100	-.1560
.086							
.094	-.1190						
.150							
.177							
.229	-.1220						
.246		-.1930					
.250							
.362	-.1410						
.400							
.402							
.497	-.1830						

MACH (5) = 1.394 ALPHAT (7) = 3.960

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.2000	-.2640	.2280	.6330	.6170	.6100	.4690
.081				-.2080	-.1860	-.2100	-.1560
.086							
.094	-.1190						
.150							
.177							
.229	-.1220						
.246		-.1930					
.250							
.362	-.1410						
.400							
.402							
.497	-.1830						

DATE 21 SEP 73

TABULATED PRESSURE DATA - IAS9
NATS 11-797 IAS 02A + S3 + T9 UPPER WING

(RBNR02)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (5) = 1.396 ALPHAT(8) = 6.030

Y/BW X/CN	.299	.364	.427	.534	.673	.780	.887
.808							
.854	-.0860						
.850							
.857							
.865	-.1230						
.900	-.0930						
.905							
.950							
.953							
.965	-.0900						

MACH (5) = 1.391 ALPHAT(9) = 7.990

Y/BW X/CN	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.2930	-.2890	.1130	.6200	.5520	.5320	.5140
.081							
.086							
.094							
.150							
.177							
.229	-.1630						
.246							
.250							
.362	-.1670						
.400							
.402							
.497	-.2240						
.550							
.565							
.600							
.650	-.3460						
.700							
.725							
.750							
.767							
.775							
.808							
.834	-.1010						
.850							
.857							
.865	-.1350						
.900	-.1150						
.905							
.950							
.953							

DATE 21 SEP 70 TABULATED PRESSURE DATA - IASA

AMES 11-707 IAS 02A + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING	DEPENDENT VARIABLE CP				
	MACH (5) = 1.391	ALPHAT (9) = 7.990	Y/BW	X/BW	REMARKS
			.259	.364	.427
				.534	.673
				.780	.887
			.965	-.1090	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 1988

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMOVED) (27 APR 73)

REFERENCE DATA

SREF = 2.4219 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8495 INCHES YMRP = .0000 INCHES
 BREF = 39.8495 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .599 BETAT (1) = -8.000

Y/BW	X/CW	CP	Y/BW	X/CW	CP
.000	.000	.299	.534	.427	.687
.050	-.0500	-.1260	.3550	.2650	.1060
.081			.1580	.1990	.2270
.085	.1250				
.094	.1270		-.0880	-.1090	-.1310
.150			-.0440		
.177	.0890				
.229	.0800		-.2020	-.2190	-.2080
.246			-.2310	-.2770	-.3100
.250	.0330		-.1680		
.362			-.1380	-.1870	
.400	-.0330		-.0950		-.1650
.402					
.497			-.0400		
.550					
.565					
.600					
.650	-.0250		.0120		.0320
.700			.0800	.0670	
.725					
.750			.1200	.1200	.1300
.760					
.775	.0550		.1350		.1360
.808			.1050		
.834			.1450	.1620	.1660
.850			.1110		
.857	.0530				
.865	.0680				
.900					
.905					
.950					
.953					
.965	.0480				

MACH (1) = .599 BETAT (2) = -6.000

Y/BW	X/CW	CP	Y/BW	X/CW	CP
.299	.364	.427	.534	.673	.687
-.0600	-.1510	.2190	.2830	.1830	.0310
.050			.1570	.1970	.2200
.050					
.081					
.086	.1070				
.094					

DATE 01 SEP 73

TABULATED PRESSURE DATA - 1A8A
AMES 11-707 1A9 02A + S3 + T9 UPPER MINE

(REMARKS)

SECTION (1) UPPER MINE

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (2) = -6.030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	.0610						
.246		.0510					
.250							
.362	.0510						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299		.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

MACH (1) = .596 BETAT (3) = -4.020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.299		.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1ABA

ANES 11-707 1AS OBA + S3 + T9 UPPER WING

(RBMJUS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (4) = -2.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			.0350				
.834	.0080			.0900	.1090	.1130	
.850			.0660				
.857	.0090			.1100			.1220
.865	.0470		.0760				
.900				.1260	.1540	.1520	
.905			.0890				
.950							
.953	.0270						
.965							

MACH (1) = .596 BETAT (5) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000			.1160	.0960	-.0430	-.2310	-.1860
.050	-.0630	-.1750		.1670	.1910	.2020	.1880
.081		.0610	.1320				
.086							
.094	.0770			-.0640	-.0950	-.1130	-.1220
.150			-.0140				
.177							
.229	.0990						
.246		.0330					
.290				-.1930	-.2140	-.2070	-.2070
.362	.0220			-.2650	-.2920		-.3110
.400			-.2180				
.402							
.497	-.0460			-.1960	-.2240		-.1840
.550			-.1790				
.565							
.600							
.650							
.700	-.1140			-.0440		-.1260	
.725							
.750			-.0220			.0090	-.0100
.760				.0390	.0290		
.775			.0150				
.808							
.834	-.0160			.0650	.0910	.1130	
.850			.0530				
.857							
.865	-.0090			.1040			.1160
.900	.0340		.0660				
.905				.1230	.1490	.1520	
.950			.0870				
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AWES 11-707 IAG 02A + S3 + T9 UPPER WING

(PBM003)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (5) = .020

Y/BW	X/BW	.299	.364	.427	.534	.673	.780	.887
.965	.0160							

MACH (1) = .598 BETAT (6) = 2.060

Y/BW	X/BW	.299	.364	.427	.534	.673	.780	.887
.070								
.050								
.081								
.086								
.094								
.150								
.177								
.229								
.246								
.250								
.362								
.400								
.402								
.497								
.550								
.555								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.865								
.920								
.955								
.950								
.953								
.965								

-.0680	-.0920	-.1120	-.1110
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-.0140

-.2030	-.2270	-.2550	-.2580
--------	--------	--------	--------

-.2750	-.3090	-.3090
--------	--------	--------

-.2430

-.2220	-.2300	-.2300
--------	--------	--------

-.2100

-.0890	-.1370	-.1890
--------	--------	--------

-.0630	-.0010	-.0120
--------	--------	--------

-.0470

-.0080

.0190	.0230	.0230
-------	-------	-------

.0660	.0830	.1020
-------	-------	-------

.0830	.1150	.1150
-------	-------	-------

.0510	.1100	.1420
-------	-------	-------

.0670

MACH (1) = .598 BETAT (7) = 4.100

Y/BW	X/BW	.299	.364	.427	.534	.673	.780	.887
.000								
.050								
.081								
.086								
.094								

.1310

.0360

.0590

.0670

.0670

.0670

.0670

.0670

.0670

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-757 1A9 02A + S3 + T9 UPPER WING

(PSI/IN)

DEPENDENT VARIABLE CF

SECTION (1) UPPER WING

MACH (1) = .999 BETAT (9) = 0.103

Y/B _L X/C _L	.299	.364	.427	.534	.673	.783	.887
.878			-.0770				
.834	-.1070			.1230	.0410	.9680	
.890							
.857			-.0330				
.865	-.0810			.0280			.1010
.970	-.0630		-.0320	.0440	.0980	.1220	
.975							
.950			-.0420				
.953							
.965	-.1230						

MACH (2) = .901 BETAT (1) = -0.140

Y/B _L X/C _L	.299	.364	.427	.534	.673	.783	.887
.000							
.050	-.0220	-.0690	.4070	.5530	.4520	.3380	.3660
.081			.1480	.2000	.2070	.2050	.2060
.086		.1840					
.094	.1650			-.0550	-.1130	-.1890	-.2160
.150			.0000				
.177							
.229	.1380						
.246		.1190					
.290				-.2030	-.2770	-.2820	-.3470
.362	.1010			-.2350	-.3870		-.4810
.400			-.1640				
.402							
.497	.0160			-.1860	-.2810		
.550			-.1150				
.565							
.600							
.650							
.700	-.0120				-.0130		
.725				.0390			
.750							
.760			.0660			.0740	.0530
.775				.1260	.1070		
.808			.1120				
.834	.0830			.1680	.1730	.1720	
.850			.1480				
.857							
.865	.0940			.1790			.1970
.900	.1340		.1500				
.909				.1680	.2030	.2070	
.950			.1340				

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

AXES 11-707 1A9 02A + S3 + T9 UPPER WING

2344271

SECTION (1) UPPER WING

DEPENDENT VARIABLE OF

MACH (2) = .901 BETAT (1) = -8.140

MACH (2) = .900 BETAT (2) = -6.100

Y/BW X/CW	.299	.354	.427	.534	.673	.780	.887
.965	.5810						
Y/BW X/CW	.299	.354	.427	.534	.673	.780	.887
.000	-.0270	-.0980	.3660	.4000	.4200	.3340	.1000
.050			.1610	.2750	.2030	.1980	.1950
.081		.1600					
.086							
.094	.1460						
.150							
.177			.0180				
.229	.1230						
.246		.1170					
.250							
.362	.0950						
.400							
.402			-.1810				
.497	.0100						
.550							
.565							
.600							
.650							
.700	-.0610						
.725							
.730							
.760			.0340				
.775			.0360				
.808							
.834	.0400						
.850			.1260				
.857							
.865	.0680						
.900	.1090						
.905			.1310				
.950			.1190				
.953							
.965	.0670						

MACH (2) = .900 BETAT (3) = -4.050

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0260	-.1130	.3220	.4430	.3570	.2560	.2310
.050				.2160	.2510	.1970	.1810
.081		.1420	.1720				
.086							
.094	.1320						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RBMJ23)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = .900 BETAT (3) = -4.050

Y/B_U .299 .364 .427 .534 .673 .780 .887
X/C_U .190 .177 .229 .246 .250 .362 .400 .402 .497 .550 .565 .600 .650 .700 .725 .750 .760 .775 .808 .834 .850 .857 .865 .900 .905 .950 .953 .955

-.0360 -.0940 -.1650 -.2110
.0280

.1150
-.1910 -.2530 -.2550 -.3460

.0900
-.2670 -.3890 -.5250

-.1950
-.2880 -.4000

-.2100
-.1100

-.0540
-.0220

.0100 .0780 .0720

.0630
.1340 .1530 .1670

.1040
.1140 .1530 .1980 .2070

.1120
.1560

.1810
.1610

.1120
.1530 .1980 .2070

.1120
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.1560

DATE 21 SEP 73 TABULATED PRESSURE DATA - IASA

ANES 11-707 IAS OCA + S3 + T9 UPPER WING

(RBMJ03)

SECTION (1) UPPER WING

MACH (2) = .899 BETAT (5) = 2.080

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808							
.834	-.1860		-.0310				
.850				.0560	.0990	.0980	
.857			.0230				
.865	-.0790			.0890			.1500
.900	-.0170		.0430				
.905				.1010	.1540	.1820	
.930			.0500				
.953							
.965	-.0270						

MACH (2) = .899 BETAT (6) = 4.140

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.070							
.080	.0040	-.0590	.2150	.2310	.0900	-.0260	-.0150
.081			.2060	.2270	.2060	.1660	.1290
.086		.0990					
.094	.1190			.0050	-.0670	-.1360	-.1900
.150			.0800				
.177	.1040						
.229		.1190					
.246				-.1490	-.2290	-.2330	-.3420
.250				-.2980	-.3810		-.5490
.362	.0940						
.400			-.2070				
.402	.0360			-.3890	-.4880		
.497			-.3310				-.7430
.550							
.565							
.600							
.650							
.700	-.2220				-.6270	-.6540	
.725				-.9060			
.750							
.760			-.3710				
.775				-.0680	-.1200		
.808			-.1370				
.834	-.3550			.0160	.0350	.0310	
.850			-.0330				
.857							
.865	-.1730			.0560			.0620
.900	-.0750						
.905			-.0040	.0790	.1290	.1490	
.950			.0030				
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A
ANES 11-707 IA9 CCA + S3 + T9 UPPER WING

(RBMJ03)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .898 BETAT (6) = 4.140

Y/BW .299 .364 .427 .534 .673 .780 .887
X/CW .965 -.0780

MACH (2) = .901 BETAT (7) = 6.210

Y/BW .299 .364 .427 .534 .673 .780 .887
X/CW .000 .0070 -.0390 .2120 .2110 .0900 -.0840 -.0830
.050 .050 .1950 .1520 .1080
.081 .0990
.094 .1210
.150 .0790
.177
.229 .1050
.246 .1210
.250
.362 .0980
.400
.402 .0400
.497
.550
.565
.600
.650
.700 -.2440
.725
.750
.760
.775
.808
.834
.850
.857
.865
.900 -.1510
.905
.950
.953
.965 -.1090

-.1480 -.2250 -.2360 -.3410
-.3020 -.3830 -.5470
-.2040
-.4060 -.4970
-.5490
-.6450
-.1890 -.1360

-.7450
-.6630
-.1890 -.1360

-.4520
-.2220 -.2410
-.2450
-.0880
-.0240
-.0390
-.0530 .1070
-.0240

.0220

MACH (2) = .900 BETAT (8) = 8.270

Y/BW .299 .364 .427 .534 .673 .780 .887
X/CW .000 .0100 -.0210 .2100 .2060 -.1350 -.1410
.050 .050 .1760 .1290 .0840
.081
.086
.094 .1160
.1390

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + 19 UPPER WING

(CONT'D)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP					
MACH (2) = .920	BETAT (6) = 8.270	Y/BW	.299	.364	.427	.534	.673
		X/CW					.780
		.150				.0040	-.0720
		.177			.0980		-.1410
		.229	.1190				-.1970
		.246		.1350			
		.250				-.1370	-.2190
		.362	.1160				-.2360
		.400				-.3010	-.3440
		.402			-.1980		-.5430
		.497	.0490				
		.550			-.3580	-.4110	-.5030
		.565					
		.600					-.7420
		.650					-.6660
		.700	-.2560			-.5550	
		.725					-.3000
		.750			-.4920		-.1680
		.760					
		.775			-.4300	-.4550	-.3730
		.808					
		.834	-.4630				
		.850			-.1830		
		.857					
		.865	-.3910			-.0410	-.0150
		.900	-.2290				
		.905			-.1040	.0040	.0630
		.950			-.0780		
		.953					
		.965	-.1590				
				.364	.427	.534	.673
		Y/BW	.299				.780
		X/CW					.887
		.000					
		.050	-.0900	-.2300	.4920	.6840	.5840
		.081				.2680	.2870
		.086			.2320		.3100
		.094	.0510				
		.150				-.0430	-.1030
		.177			.1040		-.1090
		.229	.0030				
		.246	.1810				
		.250				-.1640	-.2160
		.362	.0700				-.2460
		.400				-.2810	-.2820
		.402					-.3370
		.497	.0670		-.1760		

MACH (3) = 1.100 BETAT (1) = -6.170

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
 AWES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM4J3)

SECTION (1) UPPER WING

MACH (3) = 1.102 BETAT (2) = -6.120

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.867
.808			-.0570				
.834	.0210			-.0420	-.1180	-.1280	
.850			-.0130				
.857							.0240
.865	-.0560			.0590			
.900	.0310		.0880				
.905				.1250	.1050	.0780	
.950			.1240				
.953							
.965	.0880						

MACH (3) = 1.102 BETAT (3) = -4.080

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.867
.000	-.1700	-.3280	.4090	.5880	.5220	.4620	.4590
.050			.2480	.2870	.2940	.3130	.3200
.081		.0060					
.086							
.094				-.0180	.0330	-.0540	-.0860
.150			.1240				
.177							
.229	-.0810	.1650					
.246				-.0580	-.1130	-.0760	-.1670
.250							
.362	.0140			-.0770	-.0800		-.2810
.400			-.0570				
.402		.0820		-.0390	-.1780		
.497							
.550			-.0010				-.4300
.565							
.600						-.3090	
.650		.0860		-.1300	-.2580		
.700						-.3070	-.3890
.725							
.750							
.760			-.0630				
.775			-.0830		-.1210	-.2170	
.808							
.834	-.0050			-.0750	-.1500	-.1740	
.850			-.0520				
.857							
.865	-.1060						-.0280
.900	-.0010			.0000			
.905			.0340	.0680	.0290	.0360	
.950							
.953			.0950				
.965							

----- RECEIVED DATA - 1A9A

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

(FBIHQ)

SECTION (1) LOWER WING

DEPENDENT VARIABLE CP

$$\text{DETAT}(3) = -4.580$$
$$\text{BETAT}(4) = -2.030$$
$$\text{MACH} (5) = 1.099 \quad \text{BETAT} (5) = .020$$

X/BA	.299	.354	.427	.4973	.4560	.3180	.3350
X/CA	.070	-.2640	-.3640	.3430	.4973	.4560	.3180

.550		
.581		
.586	--.0310	
.594		--.0200
		.2580

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 1983

ANES 11-707 IAS OCA + S3 + T9 UPPER WING

(RBM/D3)

SECTION (3) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (5) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150			.1600				
.177	-.0410						
.229		.1470					
.246				-.0240	-.0370	.0460	-.0860
.250							
.362	.0120			-.0490	-.0860		-.2420
.400			.0120				
.402							
.497	.1250			-.0580	-.1770		
.550			-.0310				-.4190
.565							
.600							
.650		.0630			-.2800	-.3110	
.700				-.1940			-.3920
.725							
.750			-.1140				
.760				-.1770	-.2590		
.775			-.1380				
.808	-.0550			-.1420	-.2090	-.2240	
.834							
.850			-.1240				-.1210
.857							
.865	-.1910			-.0940			
.900	-.0640		-.0620	-.0150	-.0490	-.0560	
.905							
.950			-.0010				
.953							
.965	-.0260						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.3080	-.3690	.3200	.4510	.3520	.2480	.2660
.050				.3080	.3290	.3360	.3330
.081			.2670				
.086		.0180					
.094	-.0430						
.150				.1370	.1060	.0430	.0600
.177			.1840				
.229	-.0370						
.246		.1460		.0050	-.0090	.0310	-.0650
.250							
.362	.0260			-.0460	-.0800		-.2310
.400							
.402			.0400				
.497		.1440					

MACH (3) = 1.101 BETAT (6) = 2.090

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A
AVES 11-707 IA9 O2A + S3 + T9 UPPER WING

(P5N103)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (8) = 6.240

Y/B4	.299	.364	.427	.534	.673	.785	.887
X/C4	.965	-.1050					

MACH (3) = 1.101 BETAT (9) = 7.800

Y/B4	.299	.364	.427	.534	.673	.785	.887
X/C4	.000	-.4580	-.3870	.3620	.2230	.0740	.0840
	.050			.3320	.3180	.3780	.2870
	.081		.3010				
	.086	-.0030					
	.094	-.0940		.1830	.1330	.0810	.0820
	.150		.2910				
	.177						
	.229	-.0280					
	.246	.1680		.0560	.0220	.0410	-.0520
	.250			-.0390	-.0680		-.2280
	.362	.0680					
	.400		.0430				
	.402						
	.497	.1750		-.1040	-.1650		
	.550		-.0750				
	.565						
	.600						
	.650	.0210		-.2490	-.3050	-.3190	-.4030
	.700						
	.725						
	.750		-.1950				
	.760			-.2440	-.2900		
	.775		-.2250				
	.808						
	.834	-.1350		-.2180	-.2610	-.2580	
	.850						
	.857		-.2190				
	.865	-.2800					
	.900	-.1860		-.1840			
	.905		-.1710				
	.950			-.1270	-.1230	-.1850	
	.953		-.1080				
	.965	-.1230					

MACH (4) = 1.248 BETAT (1) = -8.130

Y/B4	.299	.364	.427	.534	.673	.785	.887
X/C4	.000	.0070	-.0690	.6740	.6410	.6150	.5910
	.050		.2050	.2750	.3250	.3640	.3930
	.081		.2010				
	.086	.0580					
	.094						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 O2A + S3 + 79 UPPER WING

(23A1531)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (2) = -6.050

Y/BX X/CW	.299	.364	.427	.534	.673	.780	.827
.550			.0005				
.565							
.620							
.650							
.700	.0570						
.725							
.750							
.760			.0380				
.775							
.808			.0320				
.834	.0710						
.850							
.857			.0590				
.865	.0070						
.900	.0540						
.905			.0780				
.950			.0950				
.953	.0550						
.955							

Y/BX X/CW	.299	.364	.427	.534	.673	.780	.827
.550							
.550							
.581							
.586							
.584	.0030						
.150							
.177			.0540				
.229	-.0100						
.246							
.250							
.362	-.0430						
.400							
.402							
.427							
.550	-.0240						
.565			.0280				
.600							
.650	.0590						
.700							
.725							
.750							
.760							
.775							

MACH (4) = 1.245 BETAT (3) = -4.050

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING	DEPENDENT VARIABLE CP	Y/BW X/CX	.299	.364	.427	.534	.673	.785	.887
MACH (4) = 1.245 BETAT (3) = -4.090									
		.808							
		.834	.0490		.0070	.0210	-.0470	-.0490	
		.850							
		.857			.0310				
		.865	-.0210			.0370			-.0200
		.900	.0340		.0540				
		.905			.0740	.0740	.0760		
		.950			.0720				
		.953	.0400						
		.955							
		Y/BW	.259	.364	.427	.534	.673	.780	.887
		X/CX							
MACH (4) = 1.246 BETAT (4) = -2.020		.000	-.1150	-.1980	.0810	.4730	.4730	.4420	.4250
		.050			.1940	.2910	.3170	.3280	.3300
		.081		-.0200					
		.086							
		.094	-.0170			.0280	.0450	-.0030	.0140
		.150			.0580				
		.177							
		.229	-.0210						
		.2 6		-.0610		-.0740	-.0910	-.0800	-.1340
		.250							
		.362	-.0500			-.2000	-.2030		-.2270
		.400			-.1790				
		.402							
		.497	-.0440			.0230	-.2700		
		.550			.0310				
		.565							-.4070
		.600						-.2060	
		.650				-.0810			
		.700	.0620			-.0220			
		.725							
		.750			-.0120			-.1310	-.3890
		.760				-.0250	-.0860		
		.775			-.0170				
		.808							
		.834	.0180			.0030	-.0670	-.0590	
		.850			.0070				
		.857							
		.865	-.0540			.0140			.0430
		.900	.0150						
		.905			.0370				
		.950			.0540	.0480			.0610
		.953			.0580				

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 Q2A + S3 + T9 UPPER MINE

(RBMQ03)

SECTION (1) UPPER MINE

DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (6) = 4.140

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150			.0970	.0430	.0490	-.0270	.0180
.177	-.0440						
.229		-.0630		-.0280	-.0470	-.0550	-.0550
.246							
.250	-.0920			-.1430	-.1110		-.1190
.362			-.1030				
.400							
.432	-.0670			-.0040	-.0570		
.497			.0010				-.2240
.530							
.565				-.0770	-.1350	-.1570	
.600							-.1620
.690	.0540						-.2510
.700							
.725			-.0700				
.750				-.0920	-.1060		
.760			-.0680				
.775							
.808	-.0260			-.0670	-.0990	-.0680	
.834							
.850			-.0700				-.0670
.857				-.0460			
.865	-.1270						
.900	-.0660		-.0950	-.0060	-.0110	-.0080	
.905							
.950			-.0060				
.953	-.0210						
.965							

MACH (4) = 1.248 BETAT (7) = 6.190

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.3260	-.2560	.0450	.3890	.3520	.2640	.2290
.090				.2790	.2970	.2710	.2630
.081			.1520				
.086	-.0930						
.094				.0380	.0700	.0150	.0720
.150							
.177			.0950				
.229	-.0510						
.246		-.0940					
.250				-.0110	-.0250	-.0140	.0040
.362	-.0570						
.400				-.0180	.0610		-.0780
.402			-.0950				
.497							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMAJDS)

SECTION (1) UPPER WING		DEPENDENT VARIABLE: CP			
MACH (4) = 1.231 BETA1 (8) = 0.250		Y/DW	.299	.364	.427
		X/DW			
		.808			
		.834	-.0310		
		.850		-.0920	-.1320
		.857		-.0950	
		.865	-.1390		
		.910	-.0920	-.0830	-.1460
		.915		-.0730	
		.950		-.0560	-.0540
		.953		-.0400	
		.965	-.0660		

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

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(RBRUCM) (27 APR 75)

ANES 11-707 1A9 Q2A + S3 + T9 UPPER WING

REFERENCE DATA

SREF = 2.4215 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8495 INCHES YMRP = .0000 INCHES
 BREF = 39.8495 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (1) = -8.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	.0020	-.0000	.3400	.4930	.4340	.3520	.3500
.050				.0400	.0880	.0730	.1080
.081			-.0030				
.086		.1180					
.094	.1160						
.150				-.1740	-.2180	-.2520	-.2500
.177			-.1150				
.229	.0730						
.246		.0020		-.2610	-.3030	-.2970	-.2900
.253	.0030			-.2610	-.3240		-.3510
.400			-.1940				
.402							
.497	-.0610			-.1500	-.2060		
.550			-.1080				-.1820
.555							
.600							
.650							
.700	-.0290			.0130	-.0440		
.725						.0340	.0050
.750			.0460				
.760				.0960	.0680		
.775			.0780				
.808							
.834	.0660			.1240	.1230	.1330	
.850			.1010				
.857							
.865	.0660			.1400			.1410
.900	.0960						
.905			.1110				
.950				.1480	.1670	.1750	
.953			.1180				
.965	.0630						
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0090	-.0280	.3050	.4400	.3740	.2880	.2830
.050				.0510	.0920	.0830	.1110
.081			.0110				
.086		.0970					
.094							
.1020							

MACH (1) = .597 BETAT (2) = -6.040

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 C2A + S3 + T9 UPPER WING

(RBM034)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (3) = -4.020

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.897
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = .599 BETAT (4) = -2.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.500							
.590							
.581							
.586							
.594							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 75 TABULATED PRESSURE DATA - 1A9A

AMES 11-757 1A9 02A + S3 + T9 UPPER WING

(REPROD.)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP			
MACH (1) = .999	BETAT (4) = -2.000	Y/BW	.299	.364	.427
		X/CW			
		.808			
		.834	-.0120		.0290
		.850			
		.857			.0580
		.865	-.0010		
		.900	.0400		.1080
		.905			.0770
		.950			.1310
		.953			.1480
		.965	.0200		.1540
		Y/BW	.299	.364	.427
		X/CW			
		.000			.534
		.050	-.0430		.673
		.081			.780
		.086	.0530		.887
		.094			
		.150			.2650
		.177			.1700
		.229	.0570		.0870
		.246			.0940
		.250			.0620
		.362	-.0150		.0620
		.400			.0870
		.402			.0940
		.497	-.0620		.0620
		.550			.0870
		.565			.0940
		.600			.0620
		.650	-.1290		.0870
		.750			.0940
		.765			.0620
		.775			.0870
		.808			.0940
		.834	-.0270		.0620
		.850			.0870
		.857			.0940
		.865	-.0110		.0620
		.900	.0310		.0870
		.905			.0940
		.950			.0620
		.953			.0870
		.965			.0940
		Y/BW	.299	.364	.427
		X/CW			
		.000			.534
		.050	-.0430		.673
		.081			.780
		.086	.0530		.887
		.094			
		.150			.2650
		.177			.1700
		.229	.0570		.0870
		.246			.0940
		.250			.0620
		.362	-.0150		.0620
		.400			.0870
		.402			.0940
		.497	-.0620		.0620
		.550			.0870
		.565			.0940
		.600			.0620
		.650	-.1290		.0870
		.750			.0940
		.765			.0620
		.775			.0870
		.808			.0940
		.834	-.0270		.0620
		.850			.0870
		.857			.0940
		.865	-.0110		.0620
		.900	.0310		.0870
		.905			.0940
		.950			.0620
		.953			.0870
		.965			.0940

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + TS UPPER WING

(REV 0.4)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .650 BETAT (5) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	.0170						

MACH (1) = .599 BETAT (6) = 2.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0520	-.0740	.1780	.2180	.1160	.0030	.0070
.050			.0520	.0830	.0880	.1980	.0880
.081		.0390					
.086	.0490						
.094							
.150							
.177			-.0760				
.229	.0310						
.246		-.0020					
.250							
.362	-.0180						
.403							
.402			-.2740				
.497	-.0810						
.550							
.585							
.600							
.650							
.700	-.1540						
.725							
.750							
.760							
.775							
.808							
.834	-.0410						
.850							
.857							
.865	-.0320						
.900	.0130						
.905							
.950							
.953							
.965	-.0040						

MACH (1) = .599 BETAT (7) = 4.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0340	-.0700	.1650	.1950	.1110	.0110	.0050
.050				.0830	.0720	.0680	.0550
.050							
.081			.0360				
.086		.0330					
.094							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 1959

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(R2M)(4)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (7) = 4.090

Y/BW X/C4	.299	.364	.427	.534	.673	.780	.897
.190							
.177							
.229	.0030						
.246							
.250							
.362	-.0150						
.400							
.402							
.497	-.0930						
.550							
.565							
.600							
.650							
.700	-.1850						
.725							
.750							
.760							
.775							
.803							
.834	-.0750						
.850							
.857							
.865	-.0600						
.900	-.0140						
.905							
.950							
.953							
.965	-.0510						
Y/BW X/C4	.299	.364	.427	.534	.673	.780	.897
.000	-.0400	-.0540	.1680	.1880	.0950	-.0250	-.0330
.050				.0550	.0580	.0460	
.081							
.085		.0280					
.094	.0410						
.150							
.177							
.229	.0400						
.246		-.0020					
.250							
.362	-.0170						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = .600 BETAT (8) = 6.120

Y/BW X/C4	.299	.364	.427	.534	.673	.780	.897
.000	-.0400	-.0540	.1680	.1880	.0950	-.0250	-.0330
.050				.0550	.0580	.0460	
.081							
.085		.0280					
.094	.0410						
.150							
.177							
.229	.0400						
.246		-.0020					
.250							
.362	-.0170						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA
ANES 11-707 IAS O2A + S3 + T9 UPPER WING

(REV 54)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .600 BETAT (8) = 6.120

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.590							
.565							
.600							
.690							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = .600 BETAT (9) = 8.160

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.352							
.400							
.402							
.497							
.555							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2003

AMES 11-707 1A9 02A + S3 + T9 UPPER MINE

(02A) (04)

SECTION (1) UPPER MINE

DEPENDENT VARIABLE CP

MACH (1) = .803 BETAT (9) = 0.160

Y/BW X/CW	.299	.364	.427	.534	.673	.783	.887
.808			-.0810				
.834	-.1300			-.0080	.0280	.0630	
.850			-.0520				
.857				.0180			.1030
.865	-.1190						
.900	-.0780		-.0430	.0360	.0950	.1220	
.905							
.950			-.0570				
.953							
.965	-.1320						

MACH (2) = .809 BETAT (1) = -0.160

Y/BW X/CW	.299	.364	.427	.534	.673	.783	.887
.808							
.834							
.850							
.857							
.865							
.900	.0190	.0270	.4450	.6190	.5540	.5370	.4580
.905				.0840	.0990	.0860	.1020
.950			.0420				
.953							
.965							
.1450		.1660					
.1450				-.1590	-.2320	-.3410	-.3430
.177			-.0600				
.229	.1130						
.246		.0620					
.250				-.3110	-.3940	-.3280	-.4540
.362	.0600			-.2890	-.4370		-.5550
.400							
.402			-.2190				
.497	-.1400			-.2210	-.3370		
.550			-.1460				-.1240
.555							
.630							
.650							
.700	-.0400						
.725				.0410			
.750							
.760			.0680				
.775			.1150				
.808				.1270	.1060		
.834							
.850	.0790		.1460	.1750	.1735	.1630	
.857							
.865	.0990						.1930
.900	.1390			.1820			
.905			.1530				
.950				.1790	.1930	.2120	
.953			.1390				

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

AVES 11-707 IAS OCA + S3 + T9 UPPER WING

EXAMPLE

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP				
MACH (2) =	.899 BETAT (1) = -8.160	Y/BW	.299	.364	.427	.534 .673 .780 .887
		X/CW	.5910			
MACH (2) = .897 BETAT (2) = -6.100		Y/BW	.299	.364	.427	.534 .673 .780 .887
		X/CW	.0110	.0245	.4110	.5730 .5020 .4440 .4070
		.050			.0980	.1190 .0890 .0950
		.091		.1470	.0630	
		.086				
		.094	.1320			
		.150				
		.177				
		.229	.0990			
		.246		.0640		
		.250				
		.382	.0500			
		.400				
		.402				
		.497				
		.550				
		.565				
		.600				
		.653				
		.700				
		.725				
		.750				
		.760				
		.775				
		.808				
		.834				
		.850				
		.857				
		.865				
		.900				
		.905				
		.950				
		.953				
		.965				
MACH (2) = .902 BETAT (3) = -4.070		Y/BW	.299	.364	.427	.534 .673 .780 .887
		X/CW	.0150			
		.050				
		.050				
		.081				
		.086				
		.094				

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TABULATED PRESSURE DATA - IASA

PAGE 2003

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(R8M004)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .302 BETAT (3) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.190			-.0510				
.177							
.229	.0910						
.246		.0630					
.290							
.362	.0470						
.400							
.402			-.2450				
.497	-.0600						
.550			-.2440				
.565							
.600							
.650							
.700	-.1360						
.725							
.750							
.760			.0060				
.775			.0650				
.808							
.834	-.0080						
.850							
.877			.1080				
.865	.0410						
.900	.0840						
.905			.1240				
.950							
.953			.1230				
.965	.0640						
.299		.364	.427	.534	.673	.780	.887
.000	.0020	-.0180	.3430	.4710	.5810	.7030	.2690
.050				.1300	.1150	.1020	.0980
.081			.0970				
.086		.1090					
.094							
.150							
.177							
.229	.0840						
.246		.0670					
.250							
.362	.0440						
.400							
.402							
.497							

MACH (2) = .300 BETAT (4) = -2.090

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.100							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

APES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMJ04)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = .900 BETAT (4) = -2.030

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.887
.530							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.935							
.950							
.953							
.965							
Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.630							
.700							
.725							
.750							
.760							
.775							

MACH (2) = .902 BETAT (5) = 2.080

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.630							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2005

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBHJ04)

SECTION (1) UPPER WING

MACH (2) = .902 BETAT (5) = 2.080

DEPENDENT VARIABLE CP

Y/BW X/CW	.808	.834	.850	.857	.865	.900	.905	.950	.953	.965
Y/BW	.299	.364	.427	.534	.673	.780	.887			
X/CW	-.0560	.0130	.1050	.1150	.1660	.1890				
Y/BW	.299	.364	.427	.534	.673	.780	.887			
X/CW	-.0050	-.0040	.2620	.3310	.2160	.1210	.1030			
.050			.1300	.1420	.1300	.0890	.0610			
.581		.0840								
.086	.0970			-.0690	-.1460	-.2410	-.2790			
.150			.0140							
.177	.0760									
.229		.0790								
.246				-.2160	-.3040	-.2910	-.4090			
.290										
.362	.0510			-.3510	-.4170		-.5940			
.400			-.2560							
.402										
.497	-.0090			-.4110	-.5290					
.550			-.3440							
.565										
.600										
.650										
.700	-.2490			-.5450						
.725										
.750										
.760			-.4270							
.775				-.1240	-.1210					
.800			-.1780							
.834	-.3910			.0060	.0160	-.0050				
.850			-.0430							
.857										
.865	-.1840									
.910	-.0940			.0630						
.915			-.0010							
.950				.1430	.1260	.1430				
.953			.0160							

MACH (2) = .903 BETAT (6) = 4.140

DATE 2: SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES :1-707 1A9 OEA + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

MACH (2) = .898 BETAT (8) = 8.240

Y/B_W
X/C_W

DEPENDENT VARIABLE CP	.299	.364	.427	.534	.673	.780	.887
.190							
.177			.0240				
.229	.0910						
.246		.0840					
.250							
.362	.0680						
.400							
.402			-.2440				
.497	-.0010						
.550							
.565							
.600							
.650							
.700	-.2760						
.725							
.750							
.760							
.775							
.808							
.834	-.4820						
.850							
.857							
.865	-.4370						
.900	-.2960						
.905							
.950							
.953							
.965	-.1770						
Y/B _W	.299	.364	.427	.534	.673	.780	.887
X/C _W							
.000	-.1110	-.1720	.5330	.7330	.6730	.3490	.6170
.050				.1490	.1820	.1870	.2220
.081			.1430				
.086		.0650					
.094	.0080						
.150							
.177			.0520				
.229	-.0170						
.246		.1400					
.250							
.362	.0480						
.400							
.402							
.497	.0270						

MACH (3) = 1.100 BETAT (1) = -6.190

DEPENDENT VARIABLE CP	.299	.364	.427	.534	.673	.780	.887
.000	-.1110	-.1720	.5330	.7330	.6730	.3490	.6170
.050				.1490	.1820	.1870	.2220
.081			.1430				
.086		.0650					
.094	.0080						
.150							
.177			.0520				
.229	-.0170						
.246		.1400					
.250							
.362	.0480						
.400							
.402							
.497	.0270						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

WING 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBMD4)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (1) = -0.195

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700	.0900		.0090	-.0440	-.2640		-.6110
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (3) = 1.099 BETAT (2) = -6.120

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.432							
.487							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 79 TABULATED PRESSURE DATA - IASA

AVES 11-707 IAG OBA + S3 + T9 UPPER WING

(RBH0J4)

SECTION (1) UPPER WING

MACH (3) = 1.099 BETAT (2) = -6.120

DEPENDENT VARIABLE CP							
Y/BW	X/CW	.299	.364	.427	.534	.673	.780 .887
.808				-.0760			
.834		.0060			-.0750	-.1230	-.0760
.850				-.0590			
.857							
.865		-.0910			-.0200		.0590
.900		-.0280					
.905				-.0130	.0610	.0610	.0640
.950				.0870			
.953							
.965		.0420					

MACH (3) = 1.101 BETAT (3) = -4.060

Y/BW	X/CW	.299	.364	.427	.534	.673	.780 .887
.000		-.1860	-.2080	.4550	.6420	.5680	.5450 .5150
.050				.1590	.1780	.1800	.1910 .2170
.081							
.086			.0080				
.094		-.0300			-.1020	-.1030	-.1580
.150				.0670			
.177							
.229		-.0300	.1260				
.246					-.1880	-.2400	-.2160
.250							
.362		-.0070			-.1400	-.2570	-.3690
.400				-.0840			
.402							
.497		.0340			-.0600	-.2080	
.550				-.0200			
.565							-.4280
.650						-.3480	
.650		.0710			-.1490	-.2800	
.700							-.3280
.725							
.750				-.0790			
.760					-.1430	-.2440	
.775				-.1000			
.808		-.0220			-.1050	-.1730	-.1610
.834							
.850				-.0900			
.857							
.865		-.1250			-.0680		.0000
.900		-.0570					
.905				-.0550			
.950					-.0050	.0160	.0390
.953				.0220			

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP				
MACH (3) = 1.101	BETAT (4) = -4.080	Y/BW	X/BW	.299	.364	.427
		X/CW	.965	-.0050	.534	.673
					.780	.887
MACH (3) = 1.101		BETAT (4) = -2.000	Y/BW	.299	.364	.427
			X/CW	-.2280	-.2280	.4200
			.000		.5980	.5150
			.050		.1950	.1770
			.081		.1740	
			.086	-.0150		
			.094	-.0300		
			.190		-.0910	-.0850
			.177		-.1400	-.1280
			.229	-.0490	.0850	
			.246	.1250		
			.290		-.1610	-.1410
			.362	.0270	-.1540	-.2280
			.403		-.1430	-.1840
			.452			-.3270
			.497	-.0740		
			.550		-.0990	-.2090
			.565	-.0420		
			.600			-.4400
			.650		-.3550	
			.700	.0500	-.2880	
			.725		-.1790	-.3310
			.750			-.3930
			.760	-.1020		
			.775		-.1630	-.2590
			.808	-.1210		
			.834		-.1290	-.1950
			.850	-.0540		-.2130
			.857		-.1120	
			.865	-.1610		
			.900	-.0790	-.0960	-.0400
			.905		-.0770	
			.950		-.0380	-.0360
			.953	-.0110		
			.965	-.0360		
MACH (3) = 1.099		BETAT (5) = 2.090	Y/BW	.299	.364	.427
			X/CW	-.3340	-.2620	.3490
			.000		.5080	.4240
			.050		.2250	.2530
			.081			.2480
			.086	.1870		
			.084	.0370		
			.064	-.0760		

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBHJ04)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (5) = 2.099

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.190				.0510	.0180	-.0570	-.0510
.177			.1290				
.229	-.0610						
.246		.1110		-.0900	-.0870	-.0640	-.1460
.290							
.362	.0160			-.0790	-.1160		-.2810
.400			-.0390				
.402				-.1030	-.2080		
.497	.0990		-.0610				-.4500
.550							
.565							
.600						-.3430	
.650					-.3070		
.750	.0360			-.2230		-.3520	-.4230
.725			-.1530				
.750			-.1830	-.2110	-.2880		
.760							
.775							
.828							
.874	-.0950			-.1890	-.2530	-.2580	
.850			-.1720				
.857							
.855	-.2210			-.1640			-.1250
.970	-.1360		-.1360				
.905				-.1040	-.1170	-.1070	
.950			-.0810				
.953							
.965	-.0940						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.3990	-.2730	.3220	.4800	.3820	.3020	.3050
.050				.2520	.2500	.2470	.2330
.081			.2150				
.086		.0470					
.094	-.0920			.0890	.0220	-.0480	-.0410
.190			.1540				
.177							
.229	-.0560						
.246		.1200		-.0320	-.0710	-.0420	-.1330
.250							
.362	.0900			-.0710	-.1230		-.2850
.400							
.402			-.0310				
.497	.1220						

MACH (3) = 1.099 BETAT (6) = 4.150

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA
 AXES 11-707 IAS O2A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

MACH (3) = 1.038 BETAT (6) = 4.150

DEPENDENT VARIABLE CP					
Y/BW	X/CW	.299	.364	.427	.534
.590					.673
.585					.780
.600					.887
.650					
.700					
.725					
.750					
.760					
.775					
.808					
.834					
.850					
.857					
.865					
.900					
.935					
.950					
.953					
.965					

MACH (3) = 1.100 BETAT (7) = 6.210

Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
.000								
.050								
.081								
.086								
.094								
.150								
.177								
.229								
.246								
.250								
.362								
.400								
.422								
.497								
.550								
.565								
.600								
.650								
.700								
.725								
.750								
.760								
.775								

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

ANES 11-757 1A9 02A + S3 + T9 UPPER WING

(RENCJ4)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP							
MACH (3) = 1.100	BETAT (7) = 6.210	Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
		.809			-.2300				
		.834	-.1400			-.2330	-.2870	-.2800	
		.850			-.2310				
		.857							-.1620
		.865	-.2740			-.2150			
		.900	-.2020		-.1940				
		.905				-.1570	-.1700	-.1690	
		.950			-.1420				
		.953							
		.965	-.1520						
		Y/BW	.299	.364	.427	.534	.673	.780	.887
		X/CW							
		.000	-.5430	-.2110	.3180	.4350	.2980	.2000	.2050
		.050			.2330	.2520	.2430	.2330	.2220
		.081		.0030					
		.085							
		.094	-.1280			.1080	.0400	-.0030	-.0070
		.150			.1720				
		.177							
		.229	-.0060						
		.246		.1430		-.0130	-.0520	-.0080	-.1150
		.250							
		.362	.0610			-.0670	-.1130		-.2730
		.400			-.0210				
		.472	.1320			-.1370	-.2170		
		.497			-.0820				
		.550							-.4370
		.565						-.3470	
		.600							
		.650	.0060				-.3280		
		.700				-.2640		-.3720	-.4320
		.725							
		.750			-.2130				
		.760				-.2670	-.3130		
		.775			-.2420				
		.809							
		.834	-.1530			-.2420	-.2870	-.2830	
		.850			-.2430				
		.857							
		.865	-.2860						-.1650
		.900	-.2230		-.2090	-.1710	-.1810	-.1780	
		.905							
		.950			-.1650				
		.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

ANES 11-707 IAS 024 + S3 + T9 UPPER WING

(REV 014)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.098 BETAT (8) = 8.290

Y/B _A	X/C _A	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.987

MACH (4) = 1.248 BETAT (1) = -6.140

Y/B _A	X/C _A	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.987
.000	.0130	.3190
.000	.0130	.7030
.000	.0130	.6970
.000	.0130	.6460
.000	.0130	.3180
.000	.0130	.2570
.000	.0130	.2000
.000	.0130	.1350
.000	.0130	.0370
.000	.0130	.0650
.000	.0130	.094
.000	.0130	.177
.000	.0130	.229
.000	.0130	.246
.000	.0130	.250
.000	.0130	.362
.000	.0130	.400
.000	.0130	.402
.000	.0130	.497
.000	.0130	.550
.000	.0130	.565
.000	.0130	.650
.000	.0130	.725
.000	.0130	.750
.000	.0130	.760
.000	.0130	.775
.000	.0130	.819
.000	.0130	.834
.000	.0130	.850
.000	.0130	.857
.000	.0130	.865
.000	.0130	.870
.000	.0130	.875
.000	.0130	.880
.000	.0130	.885
.000	.0130	.890
.000	.0130	.895
.000	.0130	.900
.000	.0130	.905
.000	.0130	.910
.000	.0130	.915
.000	.0130	.920
.000	.0130	.925
.000	.0130	.930
.000	.0130	.935
.000	.0130	.940
.000	.0130	.945
.000	.0130	.950
.000	.0130	.955
.000	.0130	.960
.000	.0130	.965
.000	.0130	.970
.000	.0130	.975
.000	.0130	.980
.000	.0130	.985
.000	.0130	.990
.000	.0130	.995
.000	.0130	.999

MACH (4) = 1.248 BETAT (2) = -6.100

Y/B _A	X/C _A	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.987
.000	.0130	.3190
.000	.0130	.7030
.000	.0130	.6970
.000	.0130	.6460
.000	.0130	.3180
.000	.0130	.2570
.000	.0130	.2000
.000	.0130	.1350
.000	.0130	.0370
.000	.0130	.0650
.000	.0130	.094
.000	.0130	.177
.000	.0130	.229
.000	.0130	.246
.000	.0130	.250
.000	.0130	.362
.000	.0130	.400
.000	.0130	.402
.000	.0130	.497
.000	.0130	.550
.000	.0130	.565
.000	.0130	.650
.000	.0130	.725
.000	.0130	.750
.000	.0130	.760
.000	.0130	.775
.000	.0130	.819
.000	.0130	.834
.000	.0130	.850
.000	.0130	.857
.000	.0130	.865
.000	.0130	.870
.000	.0130	.875
.000	.0130	.880
.000	.0130	.885
.000	.0130	.890
.000	.0130	.895
.000	.0130	.900
.000	.0130	.905
.000	.0130	.910
.000	.0130	.915
.000	.0130	.920
.000	.0130	.925
.000	.0130	.930
.000	.0130	.935
.000	.0130	.940
.000	.0130	.945
.000	.0130	.950
.000	.0130	.955
.000	.0130	.960
.000	.0130	.965
.000	.0130	.970
.000	.0130	.975
.000	.0130	.980
.000	.0130	.985
.000	.0130	.990
.000	.0130	.995
.000	.0130	.999

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 Q2A + S3 + T9 UPPER WING

(REV. 54)

SECTION (1) UPPER WING

DEPENDENT VARIABLE OF

MACH (4) = 1.244 BETAT (3) = -4.060

Y/BW X/LW	.299	.364	.427	.534	.673	.780	.857
.550							
.565							
.671							
.650							
.700	.0190						
.725							
.750							
.760							
.775							
.808							
.834	.0260						
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965	.0100						
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.470							
.452							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (4) = 1.247 BETAT (3) = -2.720

Y/BW X/LW	.299	.364	.427	.534	.673	.780	.857
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.470							
.452							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9-02A + S3 + 19 UPPER MINE

(08MJD4)

SECTION (1) UPPER MINE

DEPENDENT VARIABLE CF

MAOH (4) = 1.247 BETAT (4) = -2.020

Y/BA	.299	.364	.427	.534	.673	.780	.867
Y/CA	.806						
.834	.0050						
.853							
.857							
.865	-.0640						
.900	-.0120						
.935							
.950							
.953							
.965	-.0160						

MAOH (4) = 1.245 BETAT (5) = 2.070

Y/BA	.299	.364	.427	.534	.673	.780	.867
Y/CA	.000						
.050	-.2290	-.1770	.1300	.4900	.4330	.4060	.3850
.081				.2180	.2360	.2230	.2260
.086							
.094	-.0640						
.150							
.177							
.229	-.0670						
.246							
.250							
.362	-.0890						
.403							
.402							
.497	-.0900						
.550							
.565							
.600							
.690							
.700	.0340						
.725							
.750							
.760							
.775							
.808							
.834	-.0250						
.850							
.857							
.865	-.1190						
.900	-.0320						
.905							
.950							
.953							

-.0370							
-.0160	-.0760	-.0790					
-.0080							
-.0040							
.0050	.0330	.0440					
.0280							
.534	.673	.780	.867				
-.0090	-.0110	-.0690	-.0680				
-.0940	-.1330	-.1370	-.1880				
-.2160	-.2310		-.2640				
-.1720							
-.0060	-.0890						
-.0690	-.1310						
-.0660							
-.0860	-.1290						
-.0570							
-.0650	-.1160	-.1050					
-.0490							
-.0360	-.0270	.0000					
-.0150							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-757 1A9 C2A + S3 + T9 UPPER WING

(RBWJDA)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (5) = 2.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.0430						

MACH (4) = 1.248 BETAT (6) = 4.120

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.090	-.2930	-.1880	.1650	.4620	.3930	.3500	.3600
.050			.1680	.2070	.2130	.1980	.2480
.081		-.0870					
.096							
.094	-.0750			-.0040	-.0160	-.0790	-.0280
.150			.0540				
.177							
.229	-.0680	-.0960					
.246				-.0630	-.1040	-.1040	-.1540
.250							
.362	-.0820			-.2060	-.2260		-.2570
.400			-.1530				
.402							
.497	-.0320			-.0300	-.0610		
.550			-.0230				-.2940
.565							
.600						-.1650	
.650	.0230			-.0900			
.700					-.1210		
.725						-.1720	-.2280
.750			-.0840				
.760				-.1050	-.1100		
.775			-.1070				
.808							
.834	-.0480			-.0720	-.1040	-.1030	
.850							
.857			-.0650				-.0360
.865	-.1380			-.0510			
.890	-.1070						
.905			-.0700	-.0310	-.0280	-.0120	
.950			-.0260				
.953							
.965	-.0610						

MACH (4) = 1.245 BETAT (7) = 6.170

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.090	-.3750	-.2180	.1610	.4460	.3990	.3320	.3000
.050			.1610	.2000	.2330	.2070	.2000
.081			.1610				
.086		-.1020					
.094	-.0810						

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TABULATED PRESSURE DATA - 1A9A

PAGE 2021

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMUD5) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 26.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUDFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .600 BETAT (1) = .020

	Y/BW	.299	.364	.427	.534	.673	.760	.887
	X/CW	-.0430	-.0150	.2520	.3900	.3350	.2860	.2860
	.000				-.0320	-.0230	-.0540	-.0360
	.050			-.0710				
	.081		.0800					
	.086							
	.094	.0320						
	.150			-.1660				
	.177							
	.229	.0060						
	.246		-.0580					
	.250							
	.362	-.0740						
	.400			-.3020				
	.402							
	.497	-.1360						
	.550			-.2290				
	.565							
	.600							
	.630							
	.700	-.1550						
	.725							
	.750							
	.760			-.0410				
	.775			.0030				
	.808							
	.834	-.0390						
	.850			.0480				
	.857							
	.865	-.0250						
	.900	.0190		.0690				
	.905							
	.950							
	.953			.0850				
	.965	.0130						
	Y/BW	.299	.364	.427	.534	.673	.760	.887
	X/CW	-.0610	-.0280	.2180	.3180	.2620	.2250	.2290
	.000				-.0130	-.0330	-.0600	-.0580
	.050			-.0320				
	.081							

MACH (1) = .590 BETAT (2) = 4.000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBMJ05)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .598 BETAT (2) = 4.080

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.987
.150							
.177							
.229	.0060						
.246		-.5440					
.250							
.362	-.0570						
.400							
.402							
.497	-.1300						
.550							
.565							
.600							
.650	-.1980						
.750							
.725							
.750							
.760							
.775							
.808							
.834	-.0780						
.850							
.857							
.865	-.0600						
.900	-.0160						
.905							
.950							
.953							
.965	-.0430						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.987
.000	-.0870	-.0240	.2050	.3040	.2380	.1910	.1850
.050				-.0400	-.0510	-.0770	-.0750
.081							
.086		.0100					
.094	.0180						
.150							
.177							
.229	-.0020						
.246		-.0510					
.250							
.362	-.0650						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.750							
.725							
.750							
.760							
.775							
.808							
.834	-.0780						
.850							
.857							
.865	-.0600						
.900	-.0160						
.905							
.950							
.953							
.965	-.0430						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.987
.000	-.0870	-.0240	.2050	.3040	.2380	.1910	.1850
.050				-.0400	-.0510	-.0770	-.0750
.081							
.086		.0100					
.094	.0180						
.150							
.177							
.229	-.0020						
.246		-.0510					
.250							
.362	-.0650						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.750							
.725							
.750							
.760							
.775							
.808							
.834	-.0780						
.850							
.857							
.865	-.0600						
.900	-.0160						
.905							
.950							
.953							
.965	-.0430						

MACH (1) = .599 BETAT (3) = 6.120

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.987
.000	-.0870	-.0240	.2050	.3040	.2380	.1910	.1850
.050				-.0400	-.0510	-.0770	-.0750
.081							
.086		.0100					
.094	.0180						
.150							
.177							
.229	-.0020						
.246		-.0510					
.250							
.362	-.0650						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.750							
.725							
.750							
.760							
.775							
.808							
.834	-.0780						
.850							
.857							
.865	-.0600						
.900	-.0160						
.905							
.950							
.953							
.965	-.0430						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.987
.000	-.0870	-.0240	.2050	.3040	.2380	.1910	.1850
.050				-.0400	-.0510	-.0770	-.0750
.081							
.086		.0100					
.094	.0180						
.150							
.177							
.229	-.0020						
.246		-.0510					
.250							
.362	-.0650						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.750							
.725							
.750							
.760							
.775							
.808							
.834	-.0780						
.850							
.857							
.865	-.0600						
.900	-.0160						
.905							
.950							
.953							
.965	-.0430						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 IAG OEA + S3 + T9 UPPER WING

(REMOVED)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .999 BETAT (3) = 6.120

Y/BW
X/CW

.550	.299	.364	.427	.534	.673	.780	.80
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299	.364	.427	.534	.673	.780	.887	
.0900	.0210	.1970	.2880	.2150	.1690	.1640	
			.0900	.0700	.0960	.0900	
	.0110						
.0170							
.0020							
.246	.0920						
.250							
.362	.0980						
.400							
.402							
.497	.1500						
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.299	.364	.427	.534	.673	.780	.887	
.0900	.0210	.1970	.2880	.2150	.1690	.1640	
			.0900	.0700	.0960	.0900	
	.0110						
.0170							
.0020							
.246	.0920						
.250							
.362	.0980						
.400							
.402							
.497	.1500						
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.299	.364	.427	.534	.673	.780	.887	
.0900	.0210	.1970	.2880	.2150	.1690	.1640	
			.0900	.0700	.0960	.0900	
	.0110						
.0170							
.0020							
.246	.0920						
.250							
.362	.0980						
.400							
.402							
.497	.1500						
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (1) = .999 BETAT (4) = 6.120

Y/BW
X/CW

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .599 BETAT (4) = 0.150

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808							
.834	-.1350		-.0080				
.850				.0010	.0380	.0760	
.857							
.865	-.1110			.0230			.1100
.900	-.0720						
.905					.1020	.1260	
.950							
.953							
.963	-.1240						

MACH (2) = .903 BETAT (1) = -0.170

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	.0420	.0960	.4700	.5660	.6110	.5830	.5330
.050				-.0550	-.0440	-.0700	-.0500
.081							
.086							
.094							
.150							
.177							
.229	.0870						
.246							
.250							
.362	.0090						
.400							
.412							
.497	-.1110						
.550							
.565							
.600							
.650							
.700	-.0670						
.725							
.750							
.760							
.775							
.808							
.834	.0740						
.850							
.857							
.865	.1020						
.910	.1400						
.905							
.950							
.953							

.2040

.1760

.1620

.1760

.1680

.1680

.1120

.1290

.1150

.0670

.0490

.0080

-.0510

-.1680

-.2610

-.4070

-.5400

-.6180

-.1750

-.3640

-.4890

-.5280

-.0850

.1380

.0960

.4700

.5660

-.0550

-.0440

-.0700

-.0500

-.0850

-.1750

-.3640

-.4890

-.5280

-.0850

.1380

.0960

.4700

.5660

-.0550

-.0440

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMUS)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = .903 BETAT (1) = -8.170

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .700

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

MACH (2) = .901 BETAT (2) = -6.110

.887

Y/BW
X/CW

.299 .364 .427 .534 .673 .780

.0990

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 UPPER MING

(REMARKS)

DEPENDENT VARIABLE CP

SECTION (1) UPPER MING

MACH (2) = .923 BETAT (6) = 4.125

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.0570						

MACH (2) = .914 BETAT (7) = 6.170

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0380	.0390	.2650	.3840	.2790	.2160	.1960
.050			.0430	.0310	.0230	-.0175	-.0410
.081		.0730					
.086							
.094	.0840						
.150							
.177			-.0510				
.229	.0690						
.246		.0320					
.250							
.362	.0200						
.400			-.2880				
.402							
.497	-.0920						
.550							
.565							
.600							
.690							
.700	-.2870						
.725							
.750							
.760							
.775							
.808							
.834	-.4780						
.850							
.857							
.865	-.3130						
.920	-.1790						
.925							
.950							
.955							
.965	-.1010						

MACH (2) = .899 BETAT (6) = 8.235

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0360	.0460	.2580	.3560	.2570	.1850	.1640
.050				.0310	.0140	-.0280	-.0610
.081							
.086							
.094							
.150							
.177							
.229							

DATE 21 SEP 73 TABULATED PRESSURE DATA - IAGA

ANES 11-707 IAS OCA + S3 + T9 UPPER WING

(33X05)

DEPENDENT VARIABLE OF

SECTION (1) UPPER WING

MACH (2) = .899 BETAT (8) = 8.230

Y/B₄ .299 .364 .427 .534 .673 .760 .897

X/C₄ .190 .177 .229 .245 .250 .362 .400 .402 .497 .550 .565 .600 .690 .700 .725 .750 .760 .775 .808 .834 .850 .857 .865 .900 .905 .950 .953 .965

-.1370 -.2250 -.3550 -.3950

-.2700 -.3670 -.3330 -.4640

-.3910 -.4300 -.6320

-.2870

-.4280 -.5620

-.6300

-.6160

-.5400

-.5240

-.1840

-.0950

-.0750

-.1320 -.0970 -.1210

-.0450

-.0010 .0280 .0060

-.0540

-.0670

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

-.0680

MACH (3) = 1.100 BETAT (1) = -8.230

Y/B₄ .299 .364 .427 .534 .673 .760 .897

X/C₄ .000 .050 .051 .086 .094 .150 .177 .229 .246 .250 .362 .400 .402 .497 .550 .565 .600 .690 .700 .725 .750 .760 .775 .808 .834 .850 .857 .865 .900 .905 .950 .953 .965

-.1370 -.2250 -.3550 -.3950

-.2700 -.3670 -.3330 -.4640

-.3910 -.4300 -.6320

-.2870

-.4280 -.5620

-.6300

-.6160

-.5400

-.5240

-.1840

-.0950

-.0750

-.1320 -.0970 -.1210

-.0450

-.0010 .0280 .0060

-.0540

-.0670

DATE 21 SEP 75 — TABULATED PRESSURE DATA - IASA

AMES 11-707 IAS O2A + S3 + T9 UPPER WING

(RBHJDS)

SECTION (3) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (3) = -4.060

Y/BM	X/CN	CP
.299	.364	.427
.364	.534	.673
.534	.780	.887

MACH (3) = 1.099 BETAT (4) = -2.030

Y/BM	X/CN	CP
.299	.364	.427
.364	.534	.673
.534	.780	.887
.673	.950	.5050
.887	.9995	.5995
.950	.1010	
.9995		
.1010		
.150		
.177		
.229		
.246		
.253		
.362		
.403		
.402		
.497		
.733		
.565		
.620		
.650		
.700		
.725		
.750		
.760		
.775		
.808		
.834		
.850		
.857		
.865		
.900		
.905		
.950		
.953		
.965		

.0950

-.2410

-.2710

-.1850

-.0570

-.1140

-.3570

-.2970

-.1910

-.1100

-.1790

-.1410

-.1510

-.1300

-.1170

-.1010

-.0650

-.0480

-.0810

.299

.364

.427

.534

.673

.780

.887

MACH (3) = 1.101 BETAT (5) = 2.060

Y/BM	X/CN	CP
.299	.364	.427
.364	.534	.673
.534	.780	.887
.673	.950	.5050
.887	.9995	.5995
.950	.1010	
.9995		
.1010		
.150		
.177		
.229		
.246		
.253		
.362		
.403		
.402		
.497		
.733		
.565		
.620		
.650		
.700		
.725		
.750		
.760		
.775		
.808		
.834		
.850		
.857		
.865		
.900		
.905		
.950		
.953		
.965		

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
 AMES 11-707 1A9 Q2A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (5) = 2.080

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177			.0530				
.229	-.0630						
.246		.0900					
.250							
.362	.0100			-.1580	-.1490	-.1490	-.2560
.400				-.1470	-.1950		-.3470
.402			-.0660				
.497	.0270						
.550			-.0760	-.1350	-.2360		-.4570
.555						-.3690	
.600					-.3230		
.650				-.2290		-.3620	-.4030
.700	.0070						
.725							
.750			-.1620				
.760				-.2240	-.2980		
.775			-.1890				
.809							
.834	-.1130			-.2000	-.2630	-.2550	
.850			-.1870				
.857							
.865	-.2360			-.1800			-.0830
.900	-.1470						
.905			-.1610	-.1280	-.1150	-.0720	
.950			-.1160				
.953							
.965	-.1200						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4340	-.2060	.3280	.5120	.4210	.3950	.3870
.050			.1410	.1560	.1700	.1670	.1610
.081		.0660					
.086							
.094							
.150	-.0940			-.0700	-.0430	-.1470	-.1500
.177			.0960				
.229	-.0630						
.246		.1000					
.250				-.0440	-.1420	-.1290	-.2440
.362	.0200						
.400				-.1410	-.1790		-.3330
.402			-.0770				
.497	.0800						

MACH (3) = 1.102 BETAT (6) = 4.140

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

AWCS 11-707 1A9 02A + S3 + T9 UPPER WING

(RBNDJ5)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/QW							
.590							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/QW							
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (3) = 1.100 BETAT (7) = 6.200

ESSURE DATA - IA9A
AMES 11-797 IA9 02A + S3 + T9 UPPER WING

(REBAMJ5)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

$$\text{MACH} (3) = 1.100 \text{ BETAT} (8) = 0.270$$

	1984	1985	1986	1987	1988	1989	1990
1. <i>Mean</i>	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2. <i>Standard deviation</i>	0.15	0.15	0.15	0.15	0.15	0.15	0.15
3. <i>Skewness</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. <i>Kurtosis</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. <i>Mean square error</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. <i>Adjusted R-squared</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. <i>F-statistic</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. <i>t-statistic</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. <i>Chi-square</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. <i>Log-likelihood</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. <i>AIC</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. <i>BIC</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42. <i>Bayesian information criterion</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43. <i>Bayesian information criterion</i>	0.00	0.00					

WACH (4) = 1.245 BETAT (1) = -0.150

178W	.299	.364	.427	.534	.673	.783	.887
K/CW							
.020	.0130	.0130	.3780	.7840	.7490	.7480	.6820
.050				.1060	.1730	.1830	.2370
.080			.1040				
.086		.0130					
.094	.0400			-.1170	-.0980	-.1270	-.1390
.097							

-0970

1992

-.0900 -.2430 -.2520 -.2510 -.2870

--.2820
 --.3290 --.3800
 --.3730

0397-0260 -3720 -4880

--.2980
 --.5370
 --.5080

-0520
 -0330
 -5370

-0320
--.5380 --.4979
.0060

0.0000 -0.0310 -2.5000
0.0150

0505 - 0505 - 0505

0.0490 0.0490 -0.3710

	.0690	.0790	.0890	- .3710
--	-------	-------	-------	---------

.0810 .0750 .0720 -.1550

.384	.427	.534	.673	.760	.867
------	------	------	------	------	------

384	.427	.554	.615	
-.0410	.3160	.7220	.7510	.6990
				.6370

	.0940
	.1140
	.1860
	.1820
	.2240

0316-

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TABULATED PRESSURE DATA - 1A9A

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TABULATED PRESSURE DATA - 1A9A

JAMES 11-707 1A9 02A + S3 + T9 UPPER WING

(50465)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

$$\text{MACH} (4) = 1.245 \text{ BETAT} (2) = -6.115$$

Y/BW	.299	.364	.427	.534	.783	.863	.967
X/CW							
.150							
.177			-.0820	-.0970	-.1275	-.1420	
.229							
.246		-.0980					
.250				-.2300	-.2500	-.2460	-.2895
.362							
.405	-.1060			-.3250	-.3720		-.3730
.402			-.2780				
.497	-.0830						
.550				-.3640	-.4530		
.565			-.2430				-.5130
.600					-.5270		
.650							
.700	-.0570			-.0470	-.4770		
.725						-.5280	-.4980
.750			-.0100				
.760				-.0440	-.2250		
.775			-.0100				
.808							
.834	.0250			-.0080	-.1210	-.2250	
.850			.0230				
.857							
.865	-.0270						-.3640
.900	.0090		.0360	.0170			
.905				.0530	.0360	-.1010	
.950			.0490				
.953							
.965	.0090						
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000							
.000	-.0730	-.0780	.2680	.6720	.6450	.6410	.5850
.050				.1250	.1810	.1730	.2090
.081			.0840				
.086		-.0360					
.094	-.0340						
.150				-.0960	-.1060	-.1350	-.1450
.177			-.0750				
.229	-.0710						
.246		-.1040					
.250				-.2170	-.2450	-.2420	-.2895
.362							
.400	-.1110			-.3000	-.3530		-.3670
.402			-.2670				
.497	-.0880						

$$\text{MACH} (4) = 1.245 \quad \text{BETAT} (3) = -4.360$$

Y/B4	.299	.364	.427	.534	.673	.783	.847
X/C4							
.500	-.0730	-.0780	.2680	.6720	.6450	.6410	.5850
.095				.1250	.1850	.1730	.2090
.081			.0840				
.086		-.0360					
.094	-.0340			-.0960	-.1960	-.1350	-.1450
.150							
.177			-.0750				
.229	-.0710						
.246		-.1040					
.250				-.2170	-.2450	-.2420	-.2890
.362	-.1110						
.400				-.3000	-.3530		-.3670
.402			-.2670				
.457	-.0680						

TABULATED PRESSURE DATA - YASA

ESSUTE DATA - IASA
AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(SFBVDS)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

$$\text{MACH} (4) = 1.245 \quad \text{BETAT} (3) = -4.060$$
[illegible]
$$\text{HATCH (4)} = 1.246 \text{ DETAT (4)} = -2.520$$

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW	-.1210	-.1000	.2330	.6260	.5940	.5890	.5380
.050				.1160	.1770	.1670	.1930
.050			.0920				
.081							
.086	-.0530						
.094	-.0460			-.0900	-.0900	-.1360	-.1440
.150							
.177			-.0550				
.229	-.0780						
.246		-.0980					
.250				-.1920	-.2280	-.2280	-.2840
.362	-.1090			-.2890	-.3310		-.3530
.400			-.2550				
.402							
.497	-.0740			-.2770	-.3930		-.4960
.550			-.0970				
.565							
.600						-.4670	
.650							
.700	-.0310			-.0480	-.1970		
.725						-.4530	-.4850
.750							
.760			-.0440	-.0650	-.1430		
.775							

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TABULATED PRESSURE DATA - 1A9A

AXES 11-707 IAG OCA + S3 + TS UPPER WING

(FPMUS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (4) = -2.060

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.887
.838			-.0570				
.834	-.0180			-.0390	-.0870	-.1520	
.850			-.0260				
.857				-.0250			-.2590
.865	-.0860						
.900	-.0410		-.0140	.0050	.0230	-.0330	
.955							
.950			-.0010				
.953							
.965	-.0310						

MACH (4) = 1.240 BETAT (5) = 2.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.500			.2140	.5490	.4850	.4800	.4390
.050			.1270	.1280	.1670	.1440	.1800
.081		-.0800					
.086							
.094							
.150							
.177			-.0170	-.0660	-.0840	-.1350	-.1440
.229		-.0890					
.246				-.1560		-.2720	-.2590
.250				-.2650			-.3380
.382	-.0960		-.2220				
.400				-.0660	-.3670		
.402							
.497	-.0440						
.550			-.0490				
.565							-.4640
.600						-.4760	
.650					-.1430		
.700	-.0100			-.0810		-.2010	-.4390
.725							
.750			-.0900				
.760				-.1010	-.1370		
.775			-.1030				
.808							
.834	-.0510			-.0880	-.1230	-.1020	
.850							
.857			-.0790				
.865	-.1360			-.0570			.0380
.900	-.0800						
.905			-.0630				
.950				-.0480	-.0350	.0200	
.953			-.0420				

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

ANES 11-707 IAS OCA + S3 + T9 UPPER WING

(REMPUS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.243 BETAT (5) = 2.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.0720						

MACH (4) = 1.241 BETAT (6) = 4.120

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.3270	-.1570	.2270	.5190	.4340	.4190	.4320
.050				.1160	.1420	.1190	.1720
.081			.1260				
.086		-.0680					
.094	-.0930			-.0590	-.0680	-.1190	-.1270
.150			.0010				
.177							
.229	-.0910						
.246		-.0740					
.250				-.1340	-.1910	-.1770	-.2350
.362	-.0960			-.2950	-.2780		-.3080
.400			-.2370				
.402							
.497	-.0900			-.0610	-.1180		
.550			-.0910				-.4810
.565						-.1940	
.600				-.1650			
.700	-.0080				-.1320		
.725				-.0950		-.1950	-.2370
.753							
.760			-.0990		-.1260		
.775				-.1100			
.818							
.834	-.0700			-.0680	-.1210	-.1070	
.850							
.877			-.0730				
.865	-.1480						.0460
.900	-.1140			-.0720			
.905				-.0650	-.0540	-.0470	-.0750
.950							
.953			-.0380				
.965	-.0900						

MACH (4) = 1.246 BETAT (7) = 6.160

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4070	-.1870	.2130	.4790	.4410	.3980	.3630
.050				.1270	.1680	.1300	.1120
.081			.1180				
.086		-.0970					
.094	-.1050						

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TABULATED PRESSURE DATA - IASA

ANES 11-707 1A9 ORA + S3 + UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (7) = 6.180

Y/B4 X/C4	.299	.364	.427	.534	.673	.780	.887
.150							
.177			.0110				
.229	-.0880						
.245		-.0570					
.250					-.0820	-.1550	-.1750
.362	-.0880						
.400					-.1970	-.2570	
.432			-.1280				
.497	-.0280				-.0370	-.1060	
.550							
.565							
.600							
.650							
.700	.0380				-.1080		
.725							
.750							
.760							
.775							
.808							
.834	-.0990						
.850							
.857							
.865							
.900	-.1520						
.905							
.905	-.1220						
.905							
.950							
.953							
.965	-.0960						

MACH (4) = 1.247 BETAT (8) = 8.210

Y/B4 X/C4	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.0420						
.245		-.2360					
.250							
.362							
.400							
.432							
.497	-.0790						
.550							
.565							
.600							
.650							
.700	.0250						
.725							
.750							
.760							
.775							
.808							
.834	-.0920						
.850							
.857							
.865							
.900	-.0920						
.905							
.905							
.950							
.953							
.965	-.0690						

(RBMJ06) (27 APR 73)

REFERENCE DATA

SRFP	=	2.4210	IN	FT.	YARP	=	28.5300	INCHES
UTFP	=	39.8490	INCHES		YARP	=	.0000	INCHES
BRFP	=	39.8490	INCHES		ZARP	=	.0000	INCHES
SCALE	=						.0000	SCALE

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

$$\text{MACH} (1) = .599 \quad \text{ETA}^* (1) = -8.093$$

Y/BW	.299	.364	.427	.534	.675	.760
X/CW	.0250	.0830	.3720	.5820	.5480	.5030
.050				-.2420	-.2350	-.2480
.081			-.2675			
.086		.0530				
.094	.0670					
.150						
.177	.0080		-.1290			
.246		-.1360				
.250						
.362	-.1060					
.450						
.402			-.2730			
.697	-.1580					
.550			-.1430			
.565						
.630						
.650						
.700	-.0640					
.725						
.750			.0340			
.760						
.775			.0720			
.808						
.834	.0520					
.850			.0980			
.857						
.865	.0620					
.900	.0930		.1070			
.905						
.930			.1140			
.953						
.965	.0620					
Y/BW	.299	.364	.427	.534	.675	.887
X/CW	.0250	.0830	.3720	.5820	.5480	.4730
.050				-.2420	-.2350	-.2570
.081			-.2675			-.2310
.086		.0530				
.094	.0670					
.150						
.177	.0080		-.1290			
.246		-.1360				
.250						
.362	-.1060					
.450						
.402			-.2730			
.697	-.1580					
.550			-.1430			
.565						
.630						
.650						
.700	-.0640					
.725						
.750			.0340			
.760						
.775			.0720			
.808						
.834	.0520					
.850			.0980			
.857						
.865	.0620					
.900	.0930		.1070			
.905						
.930			.1140			
.953						
.965	.0620					
Y/BW	.299	.364	.427	.534	.675	.887
X/CW	.0250	.0830	.3720	.5820	.5480	.4730
.050				-.2420	-.2350	-.2570
.081			-.2675			-.2310
.086		.0530				
.094	.0670					
.150						
.177	.0080		-.1290			
.246		-.1360				
.250						
.362	-.1060					
.450						
.402			-.2730			
.697	-.1580					
.550			-.1430			
.565						
.630						
.650						
.700	-.0640					
.725						
.750			.0340			
.760						
.775			.0720			
.808						
.834	.0520					
.850			.0980			
.857						
.865	.0620					

NACH (:) = .599 BETA* (2) = -6.060

[illegible]

DATE 21 SEP 73

TABULATED PRESSURE DATA - IAS9
ANES 11-707 IAS 02A + S3 + T9 UPPER WING

(RBMJ06)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (2) = -6.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.130							
.177							
.229	.0020						
.246							
.250							
.362	-.1090						
.400							
.402							
.497	-.1580						
.550							
.555							
.670							
.650							
.700	-.0860						
.725							
.750							
.760							
.775							
.808							
.834	.0350						
.850							
.857							
.865	.0460						
.930	.0770						
.935							
.950							
.953							
.965	.0390						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0170	.0420	.3250	.5270	.4890	.4330	.4430
.050							
.081							
.086							
.094	.0440						
.150							
.177							
.229	-.0020						
.246							
.250							
.362	-.1110						
.400							
.402							
.497	-.1670						

MACH (1) = .599 BETAT (3) = -4.040

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0170	.0420	.3250	.5270	.4890	.4330	.4430
.050							
.081							
.086							
.094	.0440						
.150							
.177							
.229	-.0020						
.246							
.250							
.362	-.1110						
.400							
.402							
.497	-.1670						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RMULT6)

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (3) = -4.040

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = .600 BETAT (4) = -2.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REXMUD6)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (4) = -2.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			.0253				
.834	-.0170			.0870	.1022	.1110	
.890			.0640				.1310
.857	.0070			.1110			
.865	.0400		.0840	.1360	.1550	.1570	
.970			.1020				
.905							
.950							
.955	.0370						
.965							

MACH (1) = .600 BETAT (5) = .000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0610	.0040	.276	.4580	.4160	.4130	.3740
.090			-.1590	-.1590	-.2190	-.1960	
.081		.0210					
.086	.0190		-.2230	-.3230	-.3970	-.4630	-.4730
.094							
.150							
.177	-.0160	-.1080		-.4020	-.4480	-.4330	-.4340
.229				-.3870	-.4390		-.4330
.246							
.250							
.362	-.1030		-.3270	-.2610	-.2970		
.400							
.472	-.1700						
.497							
.550							
.565							
.600							
.650							
.700	-.1570						
.725							
.750							
.760							
.775							
.808							
.834	-.0350						
.850							
.857							
.865	-.0110						
.900	.0280						
.905							
.950							
.955							
.953							

.1340

.1030

.0710

.1300

.1520

.1550

.1580

.1610

.1640

.1670

.1700

.1730

.1760

.1790

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TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(REBND06)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (5) = .020

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

MACH (1) = .601 BETAT (6) = 2.050

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

Y/BW	X/CW	CP
.299	.364	.427
.299	.364	.534
.299	.364	.673
.299	.364	.780
.299	.364	.887

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TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 OEA + S3 + T9 UPPER WING

(RBMJ06)

SECTION (5) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .602 BETAT (7) = 4.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.0230						
.246		-.0980					
.250							
.362	-.1100						
.400							
.402							
.497	-.1760						
.550							
.565							
.600							
.650							
.700	-.2160						
.725							
.750							
.760							
.775							
.808							
.834	-.0910						
.850							
.857							
.865	-.0630						
.900	-.0270						
.905							
.950							
.953							
.965	-.0470						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1320	-.0280	.2020	.3650	.3150	.3110	.2690
.050				-.1550	-.1100	-.2230	-.2240
.081							
.086		-.0050					
.094	.0000						
.150							
.177							
.229	-.0230						
.246		-.1030					
.250							
.362	-.1020						
.400							
.402							
.497							

MACH (1) = .599 BETAT (8) = 6.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1320	-.0280	.2020	.3650	.3150	.3110	.2690
.050				-.1550	-.1100	-.2230	-.2240
.081							
.086		-.0050					
.094	.0000						
.150							
.177							
.229	-.0230						
.246		-.1030					
.250							
.362	-.1020						
.400							
.402							
.497							

DATE 2: SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RBMLJ6)

SECTION (1) UPPER WING

MACH (1) = .599

BETAT (8) = 6.110

Y/BW
X/CW

DEPENDENT VARIABLE CP

.590	.299	.364	.427	.534	.673	.780	.887
.565			-.3020	-.3200	-.3260		-.2320
.600						-.1880	
.650					-.1470		
.700	-.2390			-.1180		-.0290	-.0210
.725			-.1020	-.0270	-.0160		
.750							
.760							
.775			-.0510				
.808							
.834	-.1140		-.0120	.0270	.0580	.0890	
.850							
.857							
.865	-.0840			.0580			.1190
.900	-.0440		.0060				
.905				.0860	.1250	.1390	
.950			.0210				
.953							
.965	-.0760						
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1320	-.0290	.1860	.3370	.2840	.2990	.2330
.050				-.1630	-.1870	-.2360	-.2430
.081			-.1360				
.086		.0720					
.094	.0090			-.3120	-.3510	-.4540	-.4610
.150			-.2060				
.177							
.229	-.0110	-.0920					
.246				-.4050	-.4420	-.4970	-.4280
.250							
.362	-.0880			-.4360	-.4610		-.4380
.400			-.3820				
.402							
.427	-.1790		-.3210	-.3360	-.3410		
.550							
.565							-.2320
.600						-.1940	
.650							
.700	-.2600			-.1390	-.1530		
.725							-.0400
.750							-.0250
.760			-.1240				
.775				-.0520	-.0300		

MACH (1) = .600

BETAT (9) = 8.140

Y/BW
X/CW

DATE 21 SEP 73 TABULATED PRESSURE DATA - IASA
ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMJ06)

DEPENDENT VARIABLE CP

SECTION: (1) UPPER WING

MACH (1) = .600 BETAT (9) = 8.140

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808							
.834	-.1370		-.0810				
.850				.0000	.0410	.0740	
.857			-.0460				
.865	-.1130			.0230			.1190
.900	-.0780		-.0380				
.905				.0470	.1070	.1280	
.950			-.0490				
.953							
.965	-.1170						

MACH (2) = .904 BETAT (') = -8.180

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	.0370	.1280	.4650	.6650	.6120	.6130	.5210
.050			-.2160	-.2110	-.2150	-.2340	-.1970
.081		.1150					
.086							
.094	.1070			-.4580	-.5070	-.5950	-.6540
.150			-.2440				
.177							
.229	.0640	-.0660					
.246				-.4790	-.6310	-.6650	-.7930
.250				-.4640	-.6800		-.7940
.362	-.0360		-.3240				
.400				-.2730	-.4300		
.402							
.497	-.1790		-.1860				
.550						-.0160	-.2090
.565							
.600							
.650							
.740	-.1040			.0590	.0270	.1330	.0990
.725							
.750			.0790	.1370	.1300		
.760			.1230				
.775							
.808							
.834	.0700		.1570	.1770	.1840	.2090	
.850							
.857							
.865	.1060			.1630			.2100
.900	.1480		.1680	.1910	.1930	.2070	
.905							
.950			.1570				
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 Q2A + S3 + T9 UPPER WING

(95745)

SECTION (UPPER WING

DEPENDENT VARIABLE CP

ADACH (2) = .954 BETAT (1) = -9.185

	1995	1996	1997	1998	1999
Y/BW	.299	.364	.427	.534	.613
X/CW	.965	.965			

$\text{MACH} (2) = .991 \quad \text{BETAT} (2) = -6.130$

Year	W/O	W/M	W/O	W/M	W/O	W/M
1975	0.00	0.00	0.00	0.00	0.00	0.00
1976	0.00	0.00	0.00	0.00	0.00	0.00
1977	0.00	0.00	0.00	0.00	0.00	0.00
1978	0.00	0.00	0.00	0.00	0.00	0.00
1979	0.00	0.00	0.00	0.00	0.00	0.00
1980	0.00	0.00	0.00	0.00	0.00	0.00
1981	0.00	0.00	0.00	0.00	0.00	0.00
1982	0.00	0.00	0.00	0.00	0.00	0.00
1983	0.00	0.00	0.00	0.00	0.00	0.00
1984	0.00	0.00	0.00	0.00	0.00	0.00
1985	0.00	0.00	0.00	0.00	0.00	0.00
1986	0.00	0.00	0.00	0.00	0.00	0.00
1987	0.00	0.00	0.00	0.00	0.00	0.00
1988	0.00	0.00	0.00	0.00	0.00	0.00
1989	0.00	0.00	0.00	0.00	0.00	0.00
1990	0.00	0.00	0.00	0.00	0.00	0.00
1991	0.00	0.00	0.00	0.00	0.00	0.00
1992	0.00	0.00	0.00	0.00	0.00	0.00
1993	0.00	0.00	0.00	0.00	0.00	0.00
1994	0.00	0.00	0.00	0.00	0.00	0.00
1995	0.00	0.00	0.00	0.00	0.00	0.00
1996	0.00	0.00	0.00	0.00	0.00	0.00
1997	0.00	0.00	0.00	0.00	0.00	0.00
1998	0.00	0.00	0.00	0.00	0.00	0.00
1999	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
2001	0.00	0.00	0.00	0.00	0.00	0.00
2002	0.00	0.00	0.00	0.00	0.00	0.00
2003	0.00	0.00	0.00	0.00	0.00	0.00
2004	0.00	0.00	0.00	0.00	0.00	0.00
2005	0.00	0.00	0.00	0.00	0.00	0.00
2006	0.00	0.00	0.00	0.00	0.00	0.00
2007	0.00	0.00	0.00	0.00	0.00	0.00
2008	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.00	0.00	0.00	0.00	0.00	0.00
2010	0.00	0.00	0.00	0.00	0.00	0.00
2011	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.00	0.00	0.00	0.00
2013	0.00	0.00	0.00	0.00	0.00	0.00
2014	0.00	0.00	0.00	0.00	0.00	0.00
2015	0.00	0.00	0.00	0.00	0.00	0.00
2016	0.00	0.00	0.00	0.00	0.00	0.00
2017	0.00	0.00	0.00	0.00	0.00	0.00
2018	0.00	0.00	0.00	0.00	0.00	0.00
2019	0.00	0.00	0.00	0.00	0.00	0.00
2020	0.00	0.00	0.00	0.00	0.00	0.00
2021	0.00	0.00	0.00	0.00	0.00	0.00
2022	0.00	0.00	0.00	0.00	0.00	0.00
2023	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00	0.00	0.00
2027						

.061			
.086	.1010		
.094	.0940		
.150		-.4280	-.5770
.177			-.6440
		-.2300	

.229	.0520			
.246		-.0530		
.250			-.4810	-.6450
.362	-.0360			
			-.4370	-.6450
				-.7910

.470	-3540	-2960	-4890
.472			
.497	-1680		
.550			
.555			-2330

725	.5370	.0080	-0.0420	-0.2350
700				
650				
600				
550				
500				
450				
400				
350				
300				
250				
200				
150				
100				
50				
0				

.755	.0520	.1195	.1180	.1193	.0000
.760					
.775					
.808	.1010				

.834	.0450			
.850				
.857		.1440		
.865	.0860		.1720	.1820
				.2040
			.1850	
				.2080

.975	.1975	.1595	.1835	.2185
.975				
.975				
.953		.1655		
.955	.1785			

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Y/BA	.299	.364	.427	.534	.673	.761	.887							
X/OW	.000	.004	.410	.605	.549	.534	.458							

.090	-.
.081	-.
.086	-.
.094	-.
.5810	-.
.0670	-.
-.1530	-.
-.1440	-.
-.1530	-.
-.1650	-.
-----	-.

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TABULATED PRESSURE DATA - IASA

AMES 11-707 IAG 02A + S3 + T9 UPPER WING

(080006)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .952 BETAT (3) = -4.070

Y/BW
X/CW

.150	.299	.364	.427	.534	.673	.783	.887
.177							
.229	.0440						
.246							
.253							
.362	-.0460						
.400							
.402							
.497	-.1590						
.550							
.565							
.600							
.650							
.700	-.1980						
.725							
.750							
.760							
.775							
.808							
.834	-.0040						
.850							
.857							
.865	.0510						
.900	.0990						
.905							
.950							
.953							
.965	.0970						
Y/BW	.299	.364	.427	.534	.673	.783	.887
X/CW							
.000	-.0180	.0690	.3780	.5670	.5380	.4910	.4190
.050							
.081							
.086							
.094	.0790						
.150							
.177							
.229	.0370						
.246							
.250							
.362	-.0490						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = .901 BETAT (4) = -2.050

Y/BW	.299	.364	.427	.534	.673	.783	.887
X/CW							
.000	-.0180	.0690	.3780	.5670	.5380	.4910	.4190
.050							
.081							
.086							
.094	.0790						
.150							
.177							
.229	.0370						
.246							
.250							
.362	-.0490						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

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TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(534.76)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = .903 BETAT (5) = 2.080

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.0460				
.834	-.2600						
.850				.0670	.0450	.0240	
.857			.0320				
.865	-.0760			.0240			.0700
.903	-.0040		.0750				
.905				.1430	.0820	.0760	
.950			.0990				
.953							
.965	.0250						

MACH (2) = .903 BETAT (6) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.903			.2910	.4570	.3220	.2610	.3110
.950	-.0620	.0370		-.0590	-.0510	-.0390	-.1650
.981		.0520	-.0520				
.986							
.994	.0630			-.2310	-.3510	-.2870	-.5470
.150			-.1250				
.177							
.229	.0370						
.246		-.0190					
.250				-.3800	-.4440	-.4850	-.6080
.362	-.0270			-.4430	-.5220		-.6950
.400			-.3210				
.402				-.4800	-.5550		
.457	-.0990		-.4150				-.2890
.550						-.3510	
.565							
.600							
.650							
.700	-.3010			-.8550	-.7710		
.725							
.750			-.3690				
.760				-.0980	-.0820		
.775			-.1210				
.803							
.834	-.3930			.0210	.0250	-.0310	
.850			-.0760				
.857							
.865	-.1460						
.900	-.0690			.0450			
.905			.0940				
.955				.0720	.0450	.0230	
.950							
.953							

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TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 UPPER WING

10000000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .954 BETAT (8) = 8.230

Y/BW X/CW	.299	.364	.427	.534	.673	.760	.897
.150							
.177							
.229	.0620						
.246							
.250							
.362	-.0030						
.400							
.402							
.497	-.0380						
.557							
.565							
.600							
.650							
.700	-.3070						
.725							
.750							
.760							
.775							
.808							
.834	-.4940						
.850							
.857							
.855	-.3740						
.900	-.2470						
.905							
.950							
.953							
.965	-.1550						
Y/BW	.299	.364	.427	.534	.673	.760	.897
X/CW							
.10							
.050	-.1190	-.0590	.5430	.7830	.7550	.7220	.6460
.061							
.086							
.084	-.0150						
.150							
.177							
.229	-.0710						
.246							
.250							
.362	-.0080						
.400							
.402							
.497							
.557							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.965							

MACH (3) = 1.099 BETAT (1) = -8.210

Y/BW X/CW	.299	.364	.427	.534	.673	.760	.897
.10							
.050							
.061							
.086							
.084							
.150							
.177							
.229	-.0710						
.246							
.250							
.362	-.0080						
.400							
.402							
.497							
.557							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.965							
Y/BW	.299	.364	.427	.534	.673	.760	.897
X/CW							
.10							
.050	-.1190	-.0590	.5430	.7830	.7550	.7220	.6460
.061							
.086							
.084	-.0150						
.150							
.177							
.229	-.0710						
.246							
.250							
.362	-.0080						
.400							
.402							
.497							
.557							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.965							

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TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMJ06)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP			
MACH (3) = 1.100 BETAT (2) = -6.140		Y/BW	X/CW		
		.808		.534	.785 .887
		.834	-.0240	-.1090	-.0700 -.1160
		.850			
		.857		-.0920	
		.865	-.1130	-.0450	-.1910
		.900	-.0710		
		.905		-.0650	.0820 .0790
		.950		-.0160	
		.953			
		.965	-.0680		
				.534	.673 .785 .887
		Y/BW	.299 .364 .427		
		X/CW			
		.000		.6880	.6300 .5610 .0050
		.050	-.1870	-.0340	-.0170
		.081			
		.086		-.0290	
		.094			
		.150	-.0710		
		.177		-.1190	
		.229	-.0860		
		.246		.0630	
		.250			
		.362			
		.400			
		.402		-.3870	
		.497	-.0650		
		.550		-.1290	-.5500
		.565			
		.600		-.0830	-.6990
		.650			
		.750	-.0100		
		.725		-.1740	-.2530
		.760			
		.775		-.1010	-.3570
		.808		-.1650	-.5930
		.834		-.1310	
		.850			
		.857	-.0980		
		.865		-.1350	-.1420
		.900		-.1200	-.0920
		.905			
		.950	-.1400		
		.953	-.0980		
				-.1920	-.1750
				-.0310	.0340
				-.0630	

MACH (3) = 1.100 BETAT (3) = -4.080

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TABULATED PRESSURE DATA - 1A9A

(REMOVED)

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

MACH (3) = 1.000 BETAT (3) = -4.080

DEPENDENT VARIABLE CP	Y/BW	X/CW
.299	.364	.427
-.0930	.965	.534
		.673
		.780
		.887

MACH (3) = 1.099 BETAT (4) = -2.080

DEPENDENT VARIABLE CP	Y/BW	X/CW
.299	.364	.427
-.0930	.965	.534
		.673
		.780
		.887

DEPENDENT VARIABLE CP	Y/BW	X/CW
.299	.364	.427
-.0930	.965	.534
		.673
		.780
		.887

DEPENDENT VARIABLE CP	Y/BW	X/CW
.299	.364	.427
-.0930	.965	.534
		.673
		.780
		.887

DEPENDENT VARIABLE CP	Y/BW	X/CW
.299	.364	.427
-.0930	.965	.534
		.673
		.780
		.887

DEPENDENT VARIABLE CP	Y/BW	X/CW
.299	.364	.427
-.0930	.965	.534
		.673
		.780
		.887

DEPENDENT VARIABLE CP	Y/BW	X/CW
.299	.364	.427
-.0930	.965	.534
		.673
		.780
		.887

DEPENDENT VARIABLE CP	Y/BW	X/CW
.299	.364	.427
-.0930	.965	.534
		.673
		.780
		.887

DEPENDENT VARIABLE CP	Y/BW	X/CW
.299	.364	.427
-.0930	.965	.534
		.673
		.780
		.887

MACH (3) = 1.101 BETAT (5) = 2.080

DEPENDENT VARIABLE CP	Y/BW	X/CW
.299	.364	.427
-.0930	.965	.534
		.673
		.780
		.887

DEPENDENT VARIABLE CP	Y/BW	X/CW
.299	.364	.427
-.0930	.965	.534
		.673
		.780
		.887

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR.

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBN006)

SECTION (1) UPPER WING

DEPENDENT VARIABLE C_p

MACH (3) = 1.101 BETAT (8) = 8.260

MACH (4) = 1.248 BETAT (1) = -8.160

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.2320						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	.0120	.0080	.4120	.8230	.7640	.7610	.6860
.090			.0520	-.0090	.1420	.0510	.1320
.081		.0030					
.086	.0190						
.094							
.150							
.177							
.229	-.0490						
.246							
.250							
.362	-.0980						
.400							
.402							
.497	-.0810						
.550							
.565							
.600							
.650							
.700	-.2050						
.725							
.750							
.760							
.775							
.818							
.834	.0310						
.850							
.857							
.865	-.0140						
.900	.0210						
.905							
.950							
.953							
.965	.0230						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0340	-.0280	.3510	.7760	.7250	.7290	.6470
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.818							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (4) = 1.248 BETAT (2) = -8.110



DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2067

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RSMJ16)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (4) = -2.030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.0770				
.834	-.0380			-.1640	-.1360	-.2150	
.850			-.0440				
.857				-.1420			-.3960
.865	-.0940						
.870	-.0600		-.0330	-.1150	.0780	-.1010	
.905			-.0220				
.950							
.953	-.0550						
.965							

MACH (4) = 1.248 BETAT (5) = 2.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808							
.834	-.0500						
.850							
.857							
.865							
.870	-.0920	-.1300	.2830	.3930	.5200	.5300	.4590
.905			.0680	.1120	.0710	.0460	.0750
.950							
.953							
.965							
.981		-.0740					
.986	-.1190			-.1280	-.1530	-.2160	-.2240
.994							
.990							
.997	-.0970		-.0760				
.229		-.0990					
.245				-.2120	-.2630	-.2300	-.3450
.250							
.362	-.1140			-.3160	-.3310		-.4000
.400			-.2580				
.402							
.497	-.0670			-.1040	-.4160		
.550			-.1060				-.5130
.565							
.600							
.650	-.0320			-.0330	-.1830	-.4870	
.700							
.725							
.750							
.760			-.0950	-.1120	-.1620		
.775			-.1190			-.3170	-.4780
.808							
.834	-.0780			-.1120	-.1290	-.1360	
.850			-.0920				
.857							
.865	-.1380			-.1630			-.1310
.900	-.1080						
.905			-.0810				
.950				-.1640	-.0410	.0580	
.953			-.0670				

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR.

52734 33337 51 + 53 + 102 61 202-11 255

SWIM HEAD IT ; NO. 1235

$$\text{WATH} (4) = 1.249 \text{ BETA} \cdot 81 = 8.200$$

DEPENDENT VARIABLE CF

Y/BW	.299	.366	.427	.534	.672	.757	.897
X/OW							
.530							
.565							
.600							
.635							
.670							
.705							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RBMJ17)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (2) = -6.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.0270						
.246		-.1990					
.250							
.362	-.1560						
.400							
.402							
.497	-.2030						
.550							
.565							
.600							
.650							
.700	-.0990						
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	-.0270	.0350	.3080	.5160	.4710	.4540	.3700
.020							
.050							
.081							
.086							
.094							
.150							
.177							
.229	-.0310						
.246		-.1890					
.250							
.362	-.1560						
.400							
.402							
.497							

MACH (1) = .596 BETAT (3) = -4.050

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.020							
.050							
.081							
.086							
.094							
.150							
.177							
.229	-.0310						
.246		-.1890					
.250							
.362	-.1560						
.400							
.402							
.497							

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR.

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBNQJ7)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP									
MACH (1) =	.597	BETAT (5) =	.020	Y/BW	.299	.364	.427	.534	.673	.780	.887
				X/CW	.0300	.965					
MACH (1) =	.597	BETAT (6) =	2.050	Y/BW	.299	.364	.427	.534	.673	.780	.887
				X/CW	-.1290	-.0300	.2430	.4360	.3930	.4060	.2950
				.000				-.2680	-.2770	-.3620	-.3630
				.050			-.2510				
				.081							
				.086		-.0150					
				.094		-.0020		-.3910	-.4820	-.5650	-.5650
				.150			-.2840				
				.177							
				.229		-.0400					
				.246		-.1550		-.4530	-.5190	-.5220	-.5020
				.253							
				.362		-.1490		-.4270	-.4770		-.6910
				.400			-.3580				
				.402							
				.497		-.2030		-.2860	-.3080		
				.550			-.2590				-.2380
				.565							
				.600							
				.650						-.1710	
				.710		-.1940		-.1070			
				.725							
				.750			-.0730		-.0120	-.0200	
				.760			-.0520		.0120	.0240	
				.775			-.0010				
				.808							
				.834		-.0570		.0630	.0820	.0980	
				.850			.0420				.1280
				.857							
				.865		-.0320		.0990			
				.920		.0120					
				.925			.0630	.1210	.1470	.1540	
				.950							
				.953			.0830				
				.965		.0170					
MACH (1) =	.599	BETAT (7) =	4.080	Y/BW	.299	.364	.427	.534	.673	.780	.887
				X/CW	-.1460	-.0390	.2120	.4030	.3550	.3620	.2470
				.020				-.2590	-.2910	-.3930	-.3930
				.050			-.2370				
				.081							
				.086							
				.094		-.0190					
				.150							
				.177							
				.229							
				.246							
				.253							
				.362							
				.400							
				.402							
				.497							
				.550							
				.565							
				.600							
				.650							
				.710							
				.725							
				.750							
				.760							
				.775							
				.808							
				.834							
				.850							
				.857							
				.865							
				.920							
				.925							
				.950							
				.953							
				.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 C2A + S3 + T9 UPPER WING

(RBM07)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (8) = 6.110

Y/BW

X/CW

.550	.299	.364	.427	.534	.673	.780	.887
.565							
.630							
.650							
.700							
.725							
.750							
.760							
.775							
.838							
.834							
.850							
.857							
.855							
.930							
.935							
.950							
.953							
.955							
.299	.364	.427	.534	.673	.780	.887	
.000	.0630	.1530	.3970	.2790	.2840	.1540	
.050							
.081							
.086							
.164							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.563							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (1) = .597 BETAT (9) = 8.140

Y/BW

X/CW

.299	.364	.427	.534	.673	.780	.887	
.000	.0630	.1530	.3970	.2790	.2840	.1540	
.050							
.081							
.086							
.164							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.563							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REMU27)

WING 11-797 1A9 OCA + S3 + T9 UPPER WING

DEPENDENT VARIABLE CF

SECTION (1) UPPER WING

MACH (1) = .597 BETAT (9) = 8.140

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.0930				
.834	-.1490			.0030	.0450	.0770	
.850			-.0430				
.857				.0240			.1120
.865	-.1180						
.900	-.0870		-.0350	.0470	.1080	.1290	
.905							
.950			-.0390				
.953							
.965	-.1230						

MACH (2) = .920 BETAT (1) = -8.180

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.040	.0200	.1310	.4470	.6470	.5960	.4600	
.050				-.4180	-.3650	-.4060	-.3600
.081		.0800	-.3110				
.086							
.094	.0830			-.5490	-.6430	-.7020	-.7420
.193			-.2620				
.177	.0470						
.229		-.1190					
.246				-.6420	-.7930	-.8400	-.9120
.250							
.362	-.0720			-.6530	-.7890		-.9170
.400			-.4550				
.432				-.2530	-.3380		
.497	-.2170						
.550			-.1940				-.4180
.565						-.1650	
.600					.0370		
.650				.0620			
.700	-.1110					.1190	-.0650
.725							
.750			.0770				
.760				.1350	.1420		
.775			.1280				
.808							
.834	.0860			.1770	.1930	.2020	
.850							
.857			.1620				
.855	.1220						.1460
.900	.1670			.1990			
.905			.1760				
.950				.1990	.2050	.2220	
.953							
.955			.1730				

DATE 21 SEP 73

TABLATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = .920 BETAT (1) = -8.180

MACH (2) = .899 BETAT (2) = -6.140

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	.1260						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0010	.1120	.4220	.6240	.5640	.5690	.4310
.050			-.2920	-.3110	-.3490	-.3760	-.3560
.081		.0770					
.086							
.094	.0790			-.5280	-.6230	-.6940	-.7490
.150			-.2680				
.177							
.229	.0350	-.1120					
.246							
.250				-.5890	-.7260	-.8090	-.9020
.362	-.0770			-.6320	-.7630		-.9330
.400			-.4690				
.402							
.497	-.2160		-.2690	-.3340	-.4820		-.3910
.550						-.0860	
.565					.0150		
.600				.0440		.1290	.0040
.650	-.1820						
.700			.0310	.1210	.1290		
.725			.1080				
.750							
.760							
.775							
.803							
.834	.0350			.1690	.1920	.2050	
.850			.1510				
.857							
.865	.1010			.1920			.1750
.920	.1410		.1680				
.905				.1970	.2090	.2270	
.950			.1700				
.953							
.965	.1250						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
MACH (2) = .899 BETAT (3) = -4.080							
.000	-.0310	.0670	.3950	.5960	.5330	.5380	.4110
.050				-.2800	-.3280	-.3470	-.3330
.081		.0640	-.2690				
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.920							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM/LP7)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .899 BETAT (3) = -4.080

Y/BW .299 .364 .427 .534 .673 .780 .887

X/CW

-.5120 -.5950 -.6760 -.7460

.150

-.2630

.177

-.5130 -.6500 -.7320 -.8760

.229

-.6100 -.7410 -.8650

.246

-.4700

.250

-.3340

.362

-.1310

.400

-.0140

.402

.0160

.497

.1000 .1040

.530

.1530 .1800 .1980

.555

.1770

.600

.1880 .2140 .2200

.700

.1610

.725

.1850

.750

.1290

.775

.1850

.808

.1850

.834

.1850

.850

.1850

.857

.1850

.865

.1850

.920

.1850

.905

.1850

.950

.1850

.953

.1850

.965

.1850

.299

.364 .427 .534 .673 .780 .887

.000

.5670 .5020 .5090 .3890

.050

-.2450 -.3100 -.3140 -.3230

.081

-.2380

.086

-.2380

.094

-.2380

.150

-.2380

.177

-.2380

.229

-.2380

.245

-.2380

.250

-.2380

.362

-.2380

.400

-.2380

.402

-.2380

.497

-.2380

MACH (2) = .901 BETAT (4) = -2.030

Y/BW

.299 .364 .427 .534 .673 .780 .887

X/CW

-.5120 -.5950 -.6760 -.7460

.150

-.2630

.177

-.5130 -.6500 -.7320 -.8760

.229

-.6100 -.7410 -.8650

.246

-.4700

.250

-.3340

.362

-.1310

.400

-.0140

.402

.0160

.497

.1000 .1040

.530

.1530 .1800 .1980

.555

.1770

.600

.1880 .2140 .2200

.700

.1610

.725

.1850

.750

.1290

.775

.1850

.808

.1850

.834

.1850

.850

.1850

.857

.1850

.865

.1850

.920

.1850

.905

.1850

.950

.1850

.953

.1850

.965

.1850

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(R8-207)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (4) = -2.030

Y/BW
X/CW

.550	.299	.364	.427	.534	.673	.780	.887
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							

MACH (2) = .901 BETAT (5) = .020

Y/BW
X/CW

.299	.364	.427	.534	.673	.780	.887
.500						
.550						
.581						
.586						
.594						
.650						
.672						
.697						
.750						
.760						
.775						
.808						
.834						
.850						
.857						
.865						
.900						
.905						
.950						
.953						
.955						
.550						
.565						
.600						
.650						
.700						
.725						
.750						
.760						
.775						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING

MACH (2) = .901 BETAT (3) = .020

DEPENDENT VARIABLE CP									
Y/BW	Y/CM	.299	.364	.427	.534	.673	.780	.887	
.808				.0250					
.834		-.1310			.1060	.1280	.1920		
.850				.0830					
.857									
.865		-.0060			.1480			.2700	
.900		.0400		.1170					
.905					.1720	.1970	.2930		
.950				.1360					
.953									
.965		.0690							
Y/BW									
.299	.364	.427	.534	.673	.780	.887			
.000									
.050									
.081									
.086									
.094									
.150									
.177									
.229									
.246									
.250									
.362									
.400									
.402									
.497									
.550									
.565									
.600									
.650									
.750									
.760									
.775									
.808									
.834									
.850									
.857									
.865									
.920									
.905									
.950									
.953									

MACH (2) = .901 BETAT (6) = 2.070

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(32M107)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (6) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.0370						

MACH (2) = .906 BETAT (7) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.0370						

Y/BW	.000	.050	.081	.086	.094	.150	.177
X/CW	.000 <td>.050 <td>.081 <td>.086 <td>.094 <td>.150 <td>.177 </td></td></td></td></td></td>	.050 <td>.081 <td>.086 <td>.094 <td>.150 <td>.177 </td></td></td></td></td>	.081 <td>.086 <td>.094 <td>.150 <td>.177 </td></td></td></td>	.086 <td>.094 <td>.150 <td>.177 </td></td></td>	.094 <td>.150 <td>.177 </td></td>	.150 <td>.177 </td>	.177

Y/BW	.229	.246	.253	.362	.400	.402	.487
X/CW	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 </td></td></td>	.000 <td>.000 <td>.000 </td></td>	.000 <td>.000 </td>	.000

Y/BW	.553	.600	.680	.700	.725	.750	.760
X/CW	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 </td></td></td>	.000 <td>.000 <td>.000 </td></td>	.000 <td>.000 </td>	.000

Y/BW	.808	.834	.850	.857	.865	.870	.905
X/CW	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 </td></td></td>	.000 <td>.000 <td>.000 </td></td>	.000 <td>.000 </td>	.000

Y/BW	.953	.965
X/CW	.000 <td>.000 </td>	.000

Y/BW	.295	.364	.427	.534	.673	.780	.887
X/CW	.0370						

Y/BW	.000	.050	.081	.086	.094	.150	.177
X/CW	.000 <td>.050 <td>.081 <td>.086 <td>.094 <td>.150 <td>.177 </td></td></td></td></td></td>	.050 <td>.081 <td>.086 <td>.094 <td>.150 <td>.177 </td></td></td></td></td>	.081 <td>.086 <td>.094 <td>.150 <td>.177 </td></td></td></td>	.086 <td>.094 <td>.150 <td>.177 </td></td></td>	.094 <td>.150 <td>.177 </td></td>	.150 <td>.177 </td>	.177

Y/BW	.229	.246	.253	.362	.400	.402	.487
X/CW	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 </td></td></td>	.000 <td>.000 <td>.000 </td></td>	.000 <td>.000 </td>	.000

Y/BW	.553	.600	.680	.700	.725	.750	.760
X/CW	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 </td></td></td>	.000 <td>.000 <td>.000 </td></td>	.000 <td>.000 </td>	.000

Y/BW	.808	.834	.850	.857	.865	.870	.905
X/CW	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 </td></td></td>	.000 <td>.000 <td>.000 </td></td>	.000 <td>.000 </td>	.000

Y/BW	.953	.965
X/CW	.000 <td>.000 </td>	.000

Y/BW	.295	.364	.427	.534	.673	.780	.887
X/CW	.0370						

Y/BW	.000	.050	.081	.086	.094	.150	.177
X/CW	.000 <td>.050 <td>.081 <td>.086 <td>.094 <td>.150 <td>.177 </td></td></td></td></td></td>	.050 <td>.081 <td>.086 <td>.094 <td>.150 <td>.177 </td></td></td></td></td>	.081 <td>.086 <td>.094 <td>.150 <td>.177 </td></td></td></td>	.086 <td>.094 <td>.150 <td>.177 </td></td></td>	.094 <td>.150 <td>.177 </td></td>	.150 <td>.177 </td>	.177

Y/BW	.229	.246	.253	.362	.400	.402	.487
X/CW	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 </td></td></td>	.000 <td>.000 <td>.000 </td></td>	.000 <td>.000 </td>	.000

Y/BW	.553	.600	.680	.700	.725	.750	.760
X/CW	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 </td></td></td>	.000 <td>.000 <td>.000 </td></td>	.000 <td>.000 </td>	.000

Y/BW	.808	.834	.850	.857	.865	.870	.905
X/CW	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 </td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 </td></td></td>	.000 <td>.000 <td>.000 </td></td>	.000 <td>.000 </td>	.000

Y/BW	.953	.965
X/CW	.000 <td>.000 </td>	.000

Y/BW	.295	.364	.427	.534	.673	.780	.887
X/CW	.0370						

Y/BW	.000	.050	.081	.086	.094	.150	.177
X/CW	.000 <td>.050 <td>.081 <td>.086 <td>.094 <td>.150 <td>.177</td> </td></td></td></td></td>	.050 <td>.081 <td>.086 <td>.094 <td>.150 <td>.177</td> </td></td></td></td>	.081 <td>.086 <td>.094 <td>.150 <td>.177</td> </td></td></td>	.086 <td>.094 <td>.150 <td>.177</td> </td></td>	.094 <td>.150 <td>.177</td> </td>	.150 <td>.177</td>	.177

Y/BW	.229	.246	.253	.362	.400	.402	.487
X/CW	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000</td> </td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000</td> </td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000</td> </td></td></td>	.000 <td>.000 <td>.000 <td>.000</td> </td></td>	.000 <td>.000 <td>.000</td> </td>	.000 <td>.000</td>	.000

Y/BW	.553	.600	.680	.700	.725	.750	.760
X/CW	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000</td> </td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000</td> </td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000</td> </td></td></td>	.000 <td>.000 <td>.000 <td>.000</td> </td></td>	.000 <td>.000 <td>.000</td> </td>	.000 <td>.000</td>	.000

Y/BW	.808	.834	.850	.857	.865	.870	.905
X/CW	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000</td> </td></td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000 <td>.000</td> </td></td></td></td>	.000 <td>.000 <td>.000 <td>.000 <td>.000</td> </td></td></td>	.000 <td>.000 <td>.000 <td>.000</td> </td></td>	.000 <td>.000 <td>.000</td> </td>	.000 <td>.000</td>	.000

Y/BW	.953	.965
X/CW	.000 <td>.000</td>	.000

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 OCA + S3 + T9 UPPER MINE

(FEMJ077)

SECTION (3) UPPER MINE

DEPENDENT VARIABLE CF

MACH (2) = .971 BETAT (9) = 8.220

Y/DX X/CY	.299	.364	.427	.534	.673	.780	.897
.590							
.565							
.600							
.680							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.897							
.590							
.565							
.600							
.680							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.897							
.590							
.565							
.600							
.680							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (3) = 1.100 BETAT (1) = -8.210

Y/DX X/CY	.299	.364	.427	.534	.673	.780	.897
.590							
.565							
.600							
.680							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.897							
.590							
.565							
.600							
.680							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.897							
.590							
.565							
.600							
.680							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 Q2A + S3 + T9 UPPER WING

(RSMJ77)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (3) = 1.101 BETAT (4) = -2.030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.867
.190							
.177							
.229	-1.030						
.246		.0060					
.250							
.362	-1.0090						
.403							
.402							
.497	-1.0920						
.550							
.565							
.603							
.690							
.700	-1.0630						
.725							
.750							
.760							
.775							
.808							
.834							
.850	-1.1060						
.857							
.865	-1.1980						
.900	-1.1440						
.905							
.950							
.953							
.965	-1.1230						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.867
.000	-1.4470	-1.1570	.3470	.5780	.9250	.5140	.4350
.050							
.081							
.086		.0360					
.094							
.150	-1.0910						
.177							
.229	-1.0860						
.246		-1.0230					
.250							
.362	-1.0290						
.403							
.402							
.497	-1.0860						

MACH (3) = 1.099 BETAT (5) = 2.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.867
.000	-1.4470	-1.1570	.3470	.5780	.9250	.5140	.4350
.050							
.081							
.086		.0360					
.094							
.150	-1.0910						
.177							
.229	-1.0860						
.246		-1.0230					
.250							
.362	-1.0290						
.403							
.402							
.497	-1.0860						

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

WING 11-707 IAS OCA + S3 + T9 UPPER WING

(R84007)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (6) = 4.140

Y/BW X/CX	.299	.364	.427	.534	.673	.785	.887
.808			-.2340				
.834	-.1740						
.850							
.857			-.2380				
.865	-.2720						
.900	-.2240						
.915			-.2150				
.950							
.953			-.1740				
.965	-.1820						

MACH (3) = 1.101 BETAT (7) = 6.200

Y/BW X/CX	.299	.364	.427	.534	.673	.785	.887
.000							
.050	-.5820	-.1940	.2580	.5180	.4550	.4510	.3910
.081			.0100	-.1080	-.0430	-.0840	-.0530
.086		.0760					
.094	-.1410						
.150			-.0430	-.1930	-.2470	-.3220	-.3510
.177							
.229	-.0200	.0700					
.246							
.250				-.2270	-.3320	-.3520	-.4170
.362	.0080			-.1760	-.2510		-.4140
.400							
.412			-.1260				
.497	-.0010			-.1840	-.2910		
.550							
.565			-.1410				
.600						-.4150	-.4730
.650	-.0570				-.3730		
.710				-.2790			
.725							
.750			-.2300				
.760				-.2870	-.3450		
.775			-.2540				
.808	-.1920						
.834				-.2610	-.3120	-.2670	
.850							
.857							
.865	-.2900			-.2590			-.1970
.900	-.2490						
.915			-.2380				
.950				-.2080	-.1660	-.0940	
.953			-.2100				

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

$$\text{MACH} (3) = 1.10; \text{BETAT} (7) = 6.100$$

DEPENDENT VARIABLE OF

MB	.299
WD	- .2340
	955

$$\text{MACH} (3) = 1.101 \text{ BETAT} (8) = 0.250$$

MD/1
MB/1
662.

0.050
0.081
0.095

.086
 .094
 .150
 -.1380

.177
.229
.246
.0330

250
362
450
516

402
497
550

555
630
650

-.0620

.753
.760
.775

0.853
0.834
0.850
- .2060

.857
 .865
 .910

**.95
.95
.95**

v/\bar{v}	.965	-.2463
		.299

$$\text{MOM} (4) = 1.249 \quad \text{DETAT} (1) = -8.160$$

Case	Age	Sex	Weight
662	662	662	662

059
081
086

194 - 1925

(RBMJ07)

11-577 1A9 02A + S3 + T9 UPPER WING

DEPENDENT VARIABLE OF CP

MB	955	-2340	.299
WD			

MD/1
MB/1
662.

0.050
0.081
0.095

.086
 .094
 .150
 -.1380

.177
.229
.246
.0330

250
362
400
5160

402
497
550

555
630
650

-.0620

.753
.760
.775

0.853
0.834
0.850
- .2060

.857
 .865
 .910

**.95
.95
.95**

V/154	.965	-2483
		.299

$$\text{MOM} (4) = 1.249 \quad \text{DETAT} (1) = -8.160$$

Case	Age	Sex	Weight
662	662	662	662

059
081
086

1964 - 1972

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(RSMQ17)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (4) = 1.248 BETAT (2) = -6.110

Y/B4	X/C4	.299	.364	.427	.534	.673	.780	.887
.550				-.3800	-.4530	-.5730		-.5860
.565							-.6130	
.600							-.6010	
.650		-.2490			-.1650		-.6110	-.5710
.700								
.725								
.750								
.760								
.775								
.808								
.834		-.0140						
.850								
.857								
.865		-.0600						
.920		-.0220						
.905								
.950								
.953								
.965		-.0160						
Y/B4	X/C4	.279	.364	.427	.534	.673	.780	.887
.000		-.0980	-.0610	.3470	.7530	.6870	.6920	.5820
.050					-.0300	-.0710	-.0840	-.0100
.081								
.086								
.094		-.0720						
.150								
.177								
.229		-.1070						
.246			-.1680					
.250								
.362		-.1430						
.400								
.402								
.497		-.1370						
.550								
.565								
.600								
.650		-.1970						
.700								
.725								
.750								
.760								
.775								

MACH (4) = 1.248 BETAT (3) = -4.060

Y/B4	X/C4	.279	.364	.427	.534	.673	.780	.887
.000		-.0980	-.0610	.3470	.7530	.6870	.6920	.5820
.050					-.0300	-.0710	-.0840	-.0100
.081								
.086								
.094		-.0720						
.150								
.177								
.229		-.1070						
.246			-.1680					
.250								
.362		-.1430						
.400								
.402								
.497		-.1370						
.550								
.565								
.600								
.650		-.1970						
.700								
.725								
.750								
.760								
.775								

DATE 21 SEP 73

TAGGED PRESSURE DATA - 1A9A

AMES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RBM007)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (4) = 1.248 BETAT (3) = -4.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.0760				
.834	-.0340						
.850				-.0790	-.2650	-.4090	
.857			-.0340				
.865	-.0840			-.0670			-.4790
.900	-.0490						
.905			-.0170				
.950				-.0360	-.0270	-.1870	
.953			-.0360				
.955	-.0430						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1700	-.1000	.3070	.6970	.6360	.6450	.5380
.050				-.1140	-.0790	-.0900	-.0210
.081			-.0120				
.086		-.0720					
.094	-.1030						
.150				-.2260	-.2340	-.2650	-.2710
.177	-.1110		-.2020				
.229		-.1630					
.246							
.250				-.3300	-.3700	-.3850	-.4160
.362	-.1480			-.3870	-.4680		-.4790
.400			-.3220				
.402							
.497	-.1290			-.4110	-.5210		
.550			-.3090				-.5840
.565						-.5990	
.600					-.5220		
.650	-.1490			-.1040			-.5590
.700							
.725							
.750			-.0840				
.760				-.1060	-.3050		
.775			-.0950				
.808							
.834	-.0540			-.0970	-.1920	-.3350	
.850			-.0630				
.857							
.865	-.1160			-.0780			-.4680
.900	-.0770			-.0500			
.905				-.0380	-.0170	-.1780	
.950							
.953			-.0390				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 Q2A + S3 + T9 UPPER WING

(884077)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (4) = -2.030

Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
.000	.965	-.0700						

MACH (4) = 1.247 BETAT (5) = 2.060

Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
.000	.000	-.3260	-.1710	.3430	.6310	.5390	.5960	.4490
.050	.050			.0140	-.1100	-.0720	-.0750	-.0290
.081	.081		-.0840					
.086	.086							
.094	.094	-.1460			-.2100	-.2160	-.2660	-.2880
.150	.177			-.1450				
.229	.229	-.1100						
.246	.246		-.1290		-.2740	-.3340	-.3670	-.4140
.290	.290	-.1330			-.3200	-.4070		-.4710
.362	.400			-.3010				
.402	.402							
.497	.497	-.0680		-.1860	-.3900	-.4380		-.5630
.550	.550							
.565	.600							
.600	.600							
.650	.700	-.1100			-.1080			
.700	.700							
.725	.725							
.750	.750			-.1060				
.765	.765				-.1160	-.2160		
.775	.800			-.1310				
.800	.800							
.834	.850	-.0800			-.1090	-.1470	-.1980	
.850	.850							
.857	.857			-.1010				
.865	.900	-.1590						
.900	.900	-.1270			-.0970			-.3940
.905	.905			-.0910				
.950	.950				-.0720	-.0380	-.0860	
.955	.955			-.0780				
.955	.955	-.1120						

MACH (4) = 1.245 BETAT (6) = 4.100

Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
.000	.000	-.4010	-.1630	.2690	.5880	.4910	.4990	.4520
.050	.050				-.1140	-.0790	-.1580	-.1480
.081	.081			.0000				
.086	.086		-.0840					
.094	.094							
.150	.177							
.229	.229							
.246	.246							
.290	.290							
.362	.400							
.402	.402							
.497	.497							
.550	.550							
.565	.600							
.600	.600							
.650	.700	-.1100			-.1080			
.700	.700							
.725	.725							
.750	.750			-.1060				
.765	.765				-.1160	-.2160		
.775	.800			-.1310				
.800	.800							
.834	.850	-.0800			-.1090	-.1470	-.1980	
.850	.850							
.857	.857			-.1010				
.865	.900	-.1590						
.900	.900	-.1270			-.0970			-.3940
.905	.905			-.0910				
.950	.950				-.0720	-.0380	-.0860	
.955	.955			-.0780				
.955	.955	-.1120						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 7A9A

(RBMJ577)

AMES 11-707 1A9 Q2A + S3 + T9 UPPER WING

DEPENDENT VARIABLE (P

SECTION (1) UPPER WING

MACH (4) = 1.245 BETAT (6) = 4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.193						
	.177						
	.229						
	.246						
	.253						
	.362						
	.400						
	.402						
	.497						
	.550						
	.565						
	.600						
	.650						
	.700						
	.725						
	.750						
	.760						
	.775						
	.808						
	.834						
	.850						
	.857						
	.865						
	.900						
	.905						
	.950						
	.953						
	.965						

MACH (4) = 1.245 BETAT (7) = 6.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.193						
	.177						
	.229						
	.246						
	.253						
	.362						
	.400						
	.402						
	.497						
	.550						
	.565						
	.600						
	.650						
	.700						
	.725						
	.750						
	.760						
	.775						
	.808						
	.834						
	.850						
	.857						
	.865						
	.900						
	.905						
	.950						
	.953						
	.965						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 UPPER MINE

(350,577)

DEPENDENT VARIABLE CP

SECTION (1) UPPER MINE

MACH (4) = 1.246 BETAT (7) = 6.155

Y/BW X/OW	.299	.364	.427	.534	.673	.780	.897
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.765							
.775							
.808							
.834							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
Y/BW	.299	.364	.427	.534	.673	.780	.897
X/OW							
.000							
.050							
.081							
.085							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.765							
.775							

MACH (4) = 1.247 BETAT (8) = 8.190

Y/BW X/OW	.299	.364	.427	.534	.673	.780	.897
.000							
.050							
.081							
.085							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.765							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T3 UPPER WING

(RENGUT)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (8) = 8.190

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.1700				
.834	-.1090			-.1550	-.1740	-.1430	
.853			-.1510				
.857							-.1050
.855	-.1940			-.1440			
.900	-.1640		-.1400				
.935				-.1330	-.1040	-.1040	
.950			-.1310				
.953							
.955	-.1660						

MACH (5) = 1.395 BETAT (1) = -8.180

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	.0310	.0600	.4270	.8530	.7880	.8270	.7370
.050				.7200	.5640	.5710	.4650
.081		.0230	.0210				
.086							
.094	.0420			-.1760	-.1220	-.1210	-.1280
.150							
.177			-.1890				
.229	-.0160						
.246		-.1130					
.250				-.2870	-.2630	-.2590	-.2680
.362	-.0810			-.3680	-.3740		-.3350
.400			-.3140				
.402							
.497	-.1060			-.3920	-.4590		
.550			-.3150				-.4480
.565							
.600							
.650						-.4830	
.700	-.2390			-.2240	-.5010		
.725						-.4870	-.4410
.750			-.1360				
.760				-.1540	-.4870		
.775			-.0910				
.808							
.834	.0220			-.1050	-.2660	-.4490	
.850							
.857			-.0150				-.3620
.865	-.0090			-.0640			
.900	.0310		.0520				
.935				-.0290	-.1990	-.3480	
.950							
.953			.0950				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 C2A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (5) = 1.395 BETAT (1) = -8.180

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	.0490						

MACH (5) = 1.395 BETAT (2) = -6.120

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0140	.0230	.3820	.8140	.7440	.7610	.7090
.050				.0170	.0490	.0720	.1470
.086		.0010	-.0070				

-.1730 -.1350 -.1260 -.1260

-.1840

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.177							
.229	-.0360						
.246		-.1310					
.250							
.362	-.0960						
.400							
.402							
.497	-.1200						
.550							
.565							
.600							
.650							
.700	-.2440						
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865	-.0570						
.900	.0020						
.905							
.950							
.953							
.965	.0220						

-.2880 -.2670 -.2570 -.2570

-.3600 -.3680

-.3150

-.3230

-.3830 -.4530

-.4810

-.4860

-.1990

-.1350

-.1440 -.4790

-.0850

-.1230 -.2520 -.4420

-.0130

-.0900

.0390

-.0420 -.1950 -.2550

.0690

.0220

.299

.364

.427

.534

.673

.780

.887

MACH (5) = 1.397 BETAT (3) = -4.080

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0610	-.0110	.3440	.7570	.7000	.7170	.6780
.050				-.0020	.0400	.0610	.1490
.081							
.086							
.094							
.194							

-.0230

-.0260

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-757 1A9 Q2A + S3 + T9 UPPER WING

(REML27)

SECTION (1) UPPER W.L.G

DEPENDENT VARIABLE CP

MACH (5) = 1.397 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673
X/CW					
.150					
.177			-.1780	-.1780	-.1430
.229	-.0480				
.246		-.1300			
.250					
.362	-.1070			-.2820	-.2730
.400				-.3520	-.3700
.402			-.3120		
.497	-.1300			-.3820	-.4570
.550			-.3230		
.565				-.4800	-.4800
.600					
.650					
.700	-.2480			-.1910	
.725			-.1190		-.4880
.750					
.760				-.1450	-.4670
.775			-.0770		
.834	-.0220			-.1150	-.2450
.850			-.0200		
.857					
.865	-.0570				
.900	-.0240		.0150		
.905				-.0310	-.1910
.950			.0420		
.953					
.965	-.0080				
Y/BW	.299	.364	.427	.534	.673
X/CW					
.000					
.090	-.1780	-.1140	.2580	.6080	.5820
.090				-.0470	.0120
.081			-.0350		
.086		-.0510			
.094	-.0720				
.150				-.1670	-.1570
.177			-.1470		
.229	-.0680				
.246		-.1280		-.2670	-.2650
.250					
.362	-.1090			-.3290	-.3590
.400					
.402			-.2870		
.497	-.1420				

DATE 21 SEP 75 TABULATED PRESSURE DATA - 1A9A

AVES 11-757 IAG OCA + S3 + T9 UPPER WING

(REMOVED)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (5) = 1.396 BETAT (4) = .1723

Y/BI
X/CI

.550	.299	.364	.427	.534	.673	.780	.887
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299	.364	.427	.534	.673	.780	.887	
.2720	.1740	.1750	.5990	.5020	.5210	.4910	
.090							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.290							
.362							
.400							
.402							
.497							
.550							
.565							
.650							
.700							
.725							
.750							
.760							
.775							
.299	.364	.427	.534	.673	.780	.887	
.2720	.1740	.1750	.5990	.5020	.5210	.4910	
.090							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.290							
.362							
.400							
.402							
.497							
.550							
.565							
.650							
.700							
.725							
.750							
.760							
.775							
.299	.364	.427	.534	.673	.780	.887	
.2720	.1740	.1750	.5990	.5020	.5210	.4910	
.090							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.290							
.362							
.400							
.402							
.497							
.550							
.565							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (5) = 1.394 BETAT (5) = 4.110

Y/BI
X/CI

.299	.364	.427	.534	.673	.780	.887	
.2720	.1740	.1750	.5990	.5020	.5210	.4910	
.090							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.290							
.362							
.400							
.402							
.497							
.550							
.565							
.650							
.700							
.725							
.750							
.760							
.775							
.299	.364	.427	.534	.673	.780	.887	
.2720	.1740	.1750	.5990	.5020	.5210	.4910	
.090							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.290							
.362							
.400							
.402							
.497							
.550							
.565							
.650							
.700							
.725							
.750							
.760							
.775							

TABLE 1. TEST PRESSURE DATA - 1A9A

TABULATED PRESSURE DATA - 1A9A
 AMES 11-757 1A9 02A + S3 + T9 UPPER WING

(REMUJ7)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

$\text{MACH} (5) = 1.394 \text{ BETAT} (5) = 6.119$

N/B_0	β_{364}	β_{427}	β_{534}	β_{675}
.299	.364	.427	.534	.675
.818		-.0930		
.834	-.0780		-.0620	-.1560
.853				-.3130
.857		-.0780		
.865	-.1330		-.0660	
.900	-.1020			-.3290
.905		-.0720	-.0490	-.1470
.930				
.933		-.0620		
.965	-.0940			

$$\text{MACH} (5) = 1.392 \text{ BETAT} (6) = 0.215$$

Y/94	.299	.364	.427	.534	.673	.810
X/04						
.000	-.3800	-.1650	.0670	.4570	.4180	.4110
.050				-.0630	.0710	-.0230
.091				.0050		
.086		-.0610				
.094	-.1530			-.1330	-.1440	-.1910
.150			-.0720			-.2120
.177						
.229	-.0800					
.246		-.0840				
.250				-.1870	-.2340	-.2850
.362	-.0800			-.2610	-.2950	-.3480
.402			-.2280			
.497	-.1000			-.2830	-.3530	
.555			-.2250			-.4110
.600					-.4030	
.650	-.1230			-.0890	-.2660	
.700						-.3960
.725						
.750			-.0800	-.0830	-.1740	
.775			-.1070			
.808						
.834	-.0610			-.0850	-.1110	-.1420
.850			-.1010			
.857						
.855	-.1360			-.0930		-.2280
.900	-.1110					
.905			-.0920	-.0730	-.0150	-.0580
.950			-.0830			
.953						

TABULATED PRESSURE DATA - 1A9A

DATE 21 SEP 73

(RBMJ07)

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (5) = 1.392 BETAT (6) = 0.210

Y/BW

X/CW

.985 -1.170

.887

.780

.675

.534

.427

.364

.299

DATE 29 SEP 79

TABULATED PRESSURE DATA - 1A9A

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(RBMJ00) (27 APR 79)

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0000 SCALE

SECTION (1) UPPER WING

DEPENDENT VARIABLE OF

MACH (1) = .999 BETAT (1) = -6.090

Y/BW
X/CW

.000	.299	.364	.427	.534	.673	.780	.887
.050	-.0330	.0290	.2540	.4550	.5730	.3810	.1060
.081				-.6100	-.6650	-.7890	-.7510
.086							
.094							
.150							
.177							
.229	-.0550						
.246							
.250							
.362	-.2090						
.400							
.402							
.497	-.2410						
.550							
.565							
.600							
.650							
.700	-.0880						
.725							
.750							
.760							
.775							
.808							
.834	.0650						
.850							
.857							
.865	.0750						
.900	.1130						
.915							
.950							
.953							
.965	.0810						
.965							
.999	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0720	-.0050	.2450	.4510	.3660	.3620	.0730
.050				-.5790	-.6440	-.7740	-.7360
.081							
.086							
.094							

MACH (1) = .998 BETAT (2) = -6.080

Y/BW
X/CW

PARAMETRIC DATA

ALPHAT = 2.000 ORBINC = .900
 RUDDER = .000 ELEVON = .000
 RUDDLR = .000

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1ASA

ANES 11-7017 1AS OBA + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .997 BETAT (4) = -2.010

Y/BA X/CA	.299	.364	.427	.534	.673	.760	.887
.806			.0280				
.834	-.0120			.0910	.0930	.1010	
.890			.0630				
.857				.1150			.1090
.865	.0160		.0680				
.920	.0550			.1380	.1570	.1490	
.925			.1090				
.950							
.953	.0570						
.965							

MACH (1) = .998 BETAT (5) = .020

Y/BA X/CA	.299	.364	.427	.534	.673	.760	.887
.020	-.1830	-.0610	.1930	.4000	.3220	.3140	.0370
.050			-.4390	-.4750	-.5400	-.6480	-.6580
.081		-.0580					
.086				-.5280	-.6540	-.7730	-.7820
.094	-.0300						
.150			-.4000				
.177							
.229	-.0720	-.2400					
.246				-.5590	-.6200	-.6390	-.6330
.250				-.4580	-.5250		-.5670
.362	-.2140						
.470			-.3910				
.472				-.2730	-.3230		
.497	-.2570		-.2550				-.2710
.550							
.565							
.670						-.1800	
.650				-.0570	-.1010		
.720	-.1900					-.0150	-.0470
.725							
.750			-.0340	.0260	.0150		
.760			.0120				
.775							
.808							
.834	-.0390			.0790	.0690	.0980	
.850			.0510				
.857							
.865	-.0080			.1100			.1040
.920	.0360		.0760				
.925				.1340	.1490	.1490	
.950			.0940				
.953							

DATE 20 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 ORA + S3 + T9 UPPER WING

(EDM404)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .590 BETAT (5) = .020

MACH (1) = .590 BETAT (6) = 2.050

Y/BW X/CW	.299	.364	.427	.534	.57	.760	.887
.965	.0400						
Y/BW X/CW	.299	.364	.427	.534	.57	.760	.887
.000	-.2160	-.1080	.1610	.3720	.230	.3030	.0340
.050				-.4520	-.970	-.6120	-.6590
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
Y/BW X/CW	.299	.364	.427	.534	.57	.760	.887
.000	-.2500	-.1260	.1340	.3460	.360	.2570	-.0520
.050				-.4410	-.110	-.6350	-.6650
.081							
.086							
.094							

MACH (1) = .590 BETAT (7) = 4.000

Y/BW X/CW	.299	.364	.427	.534	.57	.760	.887
.000							
.050							
.081							
.086							
.094							

DATE 28 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 ORA + S3 + T9 UPPER WING

(CONTINUED)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP									
MACH (1) = .999 BETAT (9) = 0.140		Y/B _u	.299	.364	.427	.534	.673	.780	.887		
		X/C _u									
		.808			-.0940						
		.834	-.1560			-.0140	.0390	.0610			
		.850			-.0600						
		.857									
		.865	-.1240			.0140			.0420		
		.900	-.0920		-.0360						
		.905				.0390	.1090	.1140			
		.950			-.0360						
		.953									
		.965	-.1170								
				.299	.364	.427	.534	.673	.780	.887	
		Y/B _u									
		X/C _u									
		.000									
		.050	-.0340	.0490	.3920	.6010	.9270	.5140	.3010		
		.081			-.4390	-.6360	-.6360	-.6720	-.6900		
		.086		.0490							
		.094				-.6620	-.7370	-.7870	-.8790		
		.150									
		.177			-.5190						
		.229	.0210								
		.246		-.1910		-.7140	-.6360	-.9790	-1.0090		
		.290									
		.362	-.1270			-.6140	-.9650		-.6460		
		.420			-.5620						
		.472									
		.497	-.3000			-.2170	-.3550				
		.550			-.1980						
		.565									
		.670									
		.690							-.4620		
		.770	-.1320								
		.725				.0590		-.0100			
		.750									
		.760			.0670						
		.775				.1270	.1020				
		.818			.1260						
		.834	.1000								
		.850				.1740	.1540	-.0420			
		.857			.1660						
		.865	.1260								
		.900	.1760			.1920					
		.905			.1830						
		.950				.1960	.2010	.0770			
		.955									

MACH (2) = .902 BETAT (1) = -0.180

DATE 28 SEP 73

TABULATED PRESSURE DATA - 1A9A

AWES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RBMM00)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (1) = -6.180

Y/BW	X/CW	.299	.364	.427	.534	.673	.760	.667
.965	.1410							

MACH (2) = .901 BETAT (2) = -6.130

Y/BW	X/CW	.299	.364	.427	.534	.673	.760	.667
.070	-.0760							
.050								
.081								
.086								
.094								
.190								
.177								
.229	.0060							
.246								
.250								
.362	-.1370							
.400								
.402								
.497	-.2900							
.550								
.565								
.600								
.650	-.1920							
.700								
.725								
.750								
.760								
.775								
.808								
.834	.0580							
.850								
.857								
.865	.1040							
.920	.1520							
.905								
.950								
.953	.1330							
.965								

MACH (2) = .899 BETAT (3) = -4.090

Y/BW	X/CW	.299	.364	.427	.534	.673	.760	.667
.070	-.1180							
.050								
.081								
.086								
.094	.0370							

DATE 20 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBMJ08)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .699 BETAT (3) = -4.090

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.667
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = .900 BETAT (4) = -2.030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.667
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 20 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AXES 11-707 1A9 CBA + S3 + T9 UPPER WING

(RDMUCB)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CF

MACH (2) = .900 BETAT (4) = -2.030

Y/B _u	Y/C _u	.299	.364	.427	.534	.675	.780	.807
.550								
.565								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.865								
.901								
.915								
.950								
.953								
.965								
Y/B _u	Y/C _u	.299	.364	.427	.534	.675	.780	.807
.000								
.050								
.081								
.086								
.094								
.150								
.177								
.229								
.246								
.250								
.362								
.400								
.402								
.497								
.550								
.565								
.600								
.650								
.700								
.725								
.750								
.760								
.775								

MACH (2) = .902 BETAT (5) = 2.070

Y/B _u	Y/C _u	.299	.364	.427	.534	.675	.780	.807
.000								
.050								
.081								
.086								
.094								
.150								
.177								
.229								
.246								
.250								
.362								
.400								
.402								
.497								
.550								
.565								
.600								
.650								
.700								
.725								
.750								
.760								
.775								

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR.

DATE 20 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + 53 + 79 UPPER WING

(804006)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = .932 BETAT (5) = 2.070

Y/B _u X/C _u	.299	.364	.427	.534	.673	.760	.887
-.716			-.0410				
.834	-.2557			.0646	.0635	.0130	
.850			.0390				
.857				.1120			-.0250
.865	-.0650						
.900	.0040		.0760	.1510	.1920	.1530	
.905							
.950			.1130				
.953							
.965	.0500						

MACH (2) = .930 BETAT (6) = 4.120

Y/B _u X/C _u	.299	.364	.427	.534	.673	.760	.887
.000	-.2280	-.0720	.2110	.4240	.3540	.3640	.1810
.050			-.2820	-.2520	-.3480	-.4900	-.5100
.061		-.0010					
.066	-.0180			-.5260	-.5430	-.7060	-.8120
.094			-.2540				
.150							
.177	-.0110	-.1250					
.229				-.4440	-.6550	-.7450	-.9310
.246				-.5800	-.7220		-.8870
.250	-.1130						
.362			-.4610				
.400				-.5470	-.6430		
.472	-.2070		-.4760				-.4180
.497							
.550							
.565							
.670							
.690							
.700	-.3660			-.2370	-.2340		
.725							
.750							
.760			-.2250			-.2420	-.1790
.775				-.0600	-.1130		
.808							
.834	-.3450			.0260	.0050	-.0750	
.850							
.857			-.0030				
.865	-.1180						.0530
.900	-.0470		.0900	.0660			
.905				.1330	.1630	.1260	
.950							
.953			.0690				

ANES 11-707 1A9 CEA + S3 + T9 UPPER WING

(FORM 104)

SECTION (3) UPPER WING

DEPENDENT VARIABLE CP

WACH (3) = 1.097 BETAT (6) = 4.130

Y/B _U X/C _U	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

WACH (3) = 1.100 BETAT (7) = 6.180

Y/B _U X/C _U	.299	.364	.427	.534	.673	.780	.887
.020							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

TABLED PRESSURE DATA - 1A9A

TABULATED PRESSURE DATA - 1A9A

(570M124)

DEPENDENT VARIABLE CP

•

1

23

3

DATE 28 SEP 73

TABULATED PRESSURE DATA - 1A9A
 AXES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBH006)

SECTION (1) UPPER WING

MACH (4) = 1.249 BETAT (3) = -4.070

DEPENDENT VARIABLE CP			
Y/BW	X/CW		
.550	.299	.364	.427
.565		.534	.673
.600		.760	.887
.650		-.4790	-.6150
.700			
.725			
.750			
.760			
.775			
.800			
.834			
.850			
.857			
.865			
.900			
.905			
.950			
.953			
.965			

MACH (4) = 1.248 BETAT (4) = -2.030

Y/BW	X/CW		
.209	.364	.427	.534
.2290	.1640	.3370	.6920
.0700		.0740	
.081			
.086			
.094			
.150			
.177			
.229			
.246			
.250			
.362			
.400			
.402			
.497			
.550			
.565			
.600			
.650			
.700			
.725			
.750			
.760			
.775			

DATE 28 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RB=0.00)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (5) = 2.060

	Y/BW	.299	.364	.427	.534	.673	.780	.887
Y/CW	.965	-.1350						

MACH (4) = 1.246 BETAT (6) = 4.110

	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.4170	-.2320	.2440	.5560	.4770	.4890	.4160
	.050				-.2040	-.1990	-.2190	-.1340
	.081		-.1210	-.0670				
	.086							
	.094	-.2150			-.2720	-.2950	-.3170	-.3430
	.150			-.1890				
	.177							
	.229	-.1170						
	.246		-.0990					
	.250				-.3190	-.3930	-.4120	-.4550
	.362	-.1270			-.3750	-.4350		-.5060
	.400			-.3220				
	.402							
	.497	-.0910			-.3760	-.4670		
	.550							
	.565							
	.600							
	.650							
	.700	-.1460			-.1200			-.5950
	.725							
	.750							
	.760			-.1330				
	.775				-.1200	-.2250		
	.808			-.1410				
	.834	-.1240						
	.850				-.1170	-.1550	-.2040	
	.857			-.1140				
	.865	-.1900						-.4120
	.900	-.1610			-.1130			
	.905			-.1050				
	.950				-.0690	-.0450	-.0790	
	.953			-.0900				
	.965	-.1130						

MACH (4) = 1.247 BETAT (7) = 6.150

	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.4320	-.2060	.1520	.5530	.4660	.4800	.3400
	.050				-.1930	-.1990	-.2180	-.1850
	.081			-.0530				
	.086		-.1590					
	.094	-.2650						

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM029)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (2) = -6.060

	Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
	.150							
	.177							
	.229	-.0880		-.5510				
	.246		-.3660					
	.250							
	.362	-.2660			-.6360	-.7490	-.7850	-.7770
	.400							
	.402				-.4550	-.5600		-.6610
	.497	-.2890		-.3610				
	.590				-.2310	-.3040		
	.565			-.1830				
	.600							
	.690							-.3290
	.700	-.1240					-.1820	
	.725				-.0100	-.0730		
	.750							-.0210
	.760			-.0020				-.1030
	.775				.0560	.0290		
	.808			.0370				
	.834	.0460						
	.850				.0960	.0970	.0850	
	.857			.0680				
	.865	.0620						.0490
	.900	.1000			.1240			
	.905			.0920				
	.950				.1350	.1470	.1390	
	.953			.1050				
	.965	.0850						

MACH (1) = .596 BETAT (3) = -4.030

	Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
	.070							
	.090	-.1680	-.1360	.1140	.2920	.1620	.1030	-.3680
	.081				-.7370	-.8470	-.10380	-.10690
	.086		-.1050	-.6970				
	.094	-.0340						
	.150				-.6780	-.8430	-.9990	-.10400
	.177			-.5420				
	.229	-.0950						
	.246		-.3630					
	.250							
	.362	-.2690			-.6290	-.7430	-.7640	-.7370
	.400							
	.402				-.4670	-.5680		-.6340
	.497	-.3010		-.3860				

DATE 21 SEP 73

TABLATED PRESSURE DATA - 1A9A
AWES 11-707 1A9 C2A + S3 + T9 UPPER WING

(RSMU29)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (3) = -4.030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.020							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (1) = .598 BETAT (4) = -2.010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.020							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
 ANES 11-707 1A9 CCA + S3 + T9 UPPER WING

(RBMJ59)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (4) = -2.010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			.0150				
.834	-.0090			.0770	.0860	.0810	
.850			.0540				
.857							.0720
.865	.0140			.1090			
.870	.0620		.0830				
.875				.1280	.1450	.1340	
.950			.1050				
.953							
.965	.0590						

MACH (1) = .596 BETAT (5) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2880	-.1990	.0900	.2730	.1490	.0890	-.3710
.050				-.6690	-.7730	-.9550	-.9780
.081		-.0920	-.6000				
.086	-.0240			-.6370	-.7930	-.9400	-.9740
.094			-.4860				
.150							
.177							
.229	-.0920						
.246		-.3150		-.6180	-.7130	-.7420	-.7140
.250							
.362	-.2440			-.4870	-.5630		-.6260
.400			-.4060				
.402							
.497	-.2920			-.2890	-.3330		
.550			-.2530				-.3140
.565							
.600						-.2020	
.650	-.1980			-.0600	-.1010		
.700							
.725							
.750			-.0360			-.0280	-.0890
.760							
.775			.0110	.0250	.0110		
.808							
.834	-.0300			.0710	.0830	.0820	
.850			.0450				
.857							
.865	.0030			.1000			.0780
.900	.0480						
.905			.0720				
.950				.0270	.1390	.1360	
.953			.0970				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBM159)

AMES 11-717 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (5) = .020

	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	.0520						

MACH (1) = .598 BETAT (6) = 2.550

	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.3280	-.2230	.0560	.2680	.1350	.0910	-.4010
	.090				-.6280	-.7230	-.9020	-.9550
	.081			-.5710				
	.086		-.0590					
	.094	-.0620						
	.150				-.6100	-.7670	-.9040	-.9470
	.177			-.4690				
	.229	-.0970						
	.246		-.3070					
	.250				-.6520	-.6990	-.7330	-.6950
	.362	-.2470			-.4980	-.5700		-.6560
	.400			-.4240				
	.402							
	.497	-.2970			-.3130	-.3500		
	.550			-.2820				
	.565							-.3100
	.600						-.2020	
	.650	-.2270			-.1180			
	.700				-.0790			
	.725						-.0360	-.0830
	.750			-.0620	.0080	-.0020		
	.760							
	.775			-.0120				
	.808							
	.834	-.0610			.0570	.0750	.0730	
	.850			.0300				
	.857							
	.865	-.0260			.0870			.0700
	.900	.0150		.0580				
	.925				.1160	.1370	.1310	
	.950			.0860				
	.953							
	.965	.0270						

MACH (1) = .597 BETAT (7) = 4.090

	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.3370	-.2330	.0370	.2360	.1090	.0380	-.4470
	.050				-.6240	-.7270	-.9060	-.9450
	.081			-.5380				
	.086		-.1070					
	.094							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AWES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBWJ59)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .597	BETAT (7) = 4.080	Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
		.150							
		.177							
		.229	-.0990		-.4600		-.6000	-.7590	-.9050
		.246		-.2840					
		.255							
		.362	-.2410				-.6050	-.6980	-.7170
		.400							
		.402			-.4420		-.5110	-.5740	-.6110
		.497	-.3020						
		.550					-.3240	-.3590	
		.565			-.3080				
		.600							-.3080
		.650						-.2050	
		.700	-.2450				-.0940		
		.725						-.1270	
		.750			-.0890			-.0430	-.0640
		.760					-.0080	-.0090	
		.775			-.0340				
		.808							
		.834	-.0870						
		.850							
		.857			.0160		.0440	.0620	.0710
		.865	-.0520						
		.900	-.0150				.0780		.0730
		.905			.0420				
		.950					.0050	.0340	.0290
		.953			.0710				
		.965	-.0050						
MACH (1) = .597	BETAT (8) = 6.120	Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
		.000							
		.050	-.3210	-.2140	-.0230	.1850	.0800	.0090	-.4640
		.081				-.6080	-.6970	-.8640	-.8990
		.086			-.5190				
		.094		-.1040					
		.150							
		.177					-.5850	-.7340	-.8690
		.229	-.0900		-.4360				
		.246		-.2670					
		.250							
		.362	-.2310				-.5970	-.6780	-.7030
		.400							
		.402					-.5140	-.5670	-.5890
		.497	-.2910		-.4360				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 OCA + S3 + T9 UPPER WING

(REV 109)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (8) = 6.120

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.800							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							

MACH (1) = .596 BETAT (9) = 8.150

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.550							
.581							
.596							
.594							
.593							
.577							
.229							
.245							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2139

AVES 11-707 1A9 Q2A * S3 * T9 UPPER WING

(R84009)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (9) = 0.150

Y/BW X/CW	.299	.364	.427	.534	.673	.760	.887
.808			-.1060				
.834	-.1650						
.850				-.0220	.0310	.0430	
.857			-.0640				
.865	-.1320			.0140			.0600
.900	-.0950						
.915			-.0370				
.950				.0440	.0980	.1050	
.953			-.0240				
.955	-.1140						

MACH (2) = .899 BETAT (1) = -0.170

Y/BW X/CW	.299	.364	.427	.534	.673	.760	.887
.000	-.1180	.0020	.3370	.5600	.4580	.4400	.1980
.050				-.7350	-.8870	-.8950	-.8540
.081			-.5190				
.086		.0010					
.094	.0470						
.150							
.177			-.6340				
.229	.0700			-.8390	-.9200	-.9380	-1.0430
.245		-.2480					
.250				-.8410	-1.0440	-1.0140	-1.0220
.362	-.1680						
.410				-.8780	-.8470		-.5320
.402			-.6770				
.497	-.3850						
.550			-.1750	-.1410	-.4610		
.565							-.5290
.600							
.650						-.3530	
.700	-.1090				-.1950		
.725				.0040			
.750							
.760			.0410				
.775			.0980		-.0890		
.808							
.834	.1060						
.850				.1120	.0700	-.1910	
.857			.1480				
.865	.1170						
.900	.1720			.1380			-.3560
.915			.1670				
.950				.1490	.1190	-.0940	
.953			.1750				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2139

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(334219)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .894 BETAT (1) = -8.170

Y/BW X/CW	.289	.364	.427	.534	.673	.780	.897
.965	.1310						

MACH (2) = .907 BETAT (2) = -6.120

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.000	-.1790	-.0500	.3060	.5340	.4310	.4000	.1240
.050			-.7430	-.8680	-.8930	-.8580	-.8580
.081		-.5020					
.086							
.094	.0180						
.150							
.177			-.5870				
.229	-.0230						
.246		-.2420					
.250							
.362	-.1830						
.400			-.6660				
.402							
.497	-.3910						
.550							
.565							
.600							
.650							
.700	-.1790						
.725							
.750							
.760							
.775							
.808	.0620						
.834							
.850							
.857							
.865	.0920						
.900	.1550						
.905							
.950							
.953							
.965	.1350						

MACH (2) = .902 BETAT (3) = -4.580

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.000	-.2130	-.0740	.2970	.5070	.4000	.3920	.1320
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 UPPER WING

GENERAL

SECTION: (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .952 BETAT (3) = -4.080

Y/B ₄ X/Q ₄	.299	.364	.427	.534	.673	.780	.887
.155							
.177							
.229	-.0210						
.246							
.250							
.362	-.1780						
.400							
.402							
.487	-.3700						
.550							
.565							
.600							
.650							
.700	-.2500						
.725							
.750							
.760							
.775							
.808							
.834	.0350						
.850							
.857							
.865	.0630						
.900	.1390						
.905							
.950							
.953							
.965	.1300						

MACH (2) = .899 BETAT (4) = -2.050

Y/B ₄ X/Q ₄	.299	.364	.427	.534	.673	.780	.887
.150	-.2650	-.1110	.2550	.4790	.3710	.2610	.0760
.050							
.081							
.086							
.094	.0160						
.150							
.177							
.229	-.0230						
.245							
.250							
.262	-.1700						
.400							
.402							
.497	-.3530						

SECTION (2) UPPER WING

$\text{WACH} (2) = .899 \text{ BETAT} (4) = -2.935$

AMES 11-757 1A9 02A + S5 + T9 UPPER WING

(Rajinikanth)

DEPENDENT VARIABLE CP

[illegible]

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBW059)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (5) = 2.070

Y/BW X/CW	.299	.364	.427	.534	.780	.887
.808			-.0440			
.834	-.2160					
.850				.0250	-.0090	-.0940
.857			.0140			
.865	-.0500			.0860		-.3980
.900	.0160					
.905			.0770			
.950				.1320	.1040	.0180
.953			.1150			
.965	.0500					

MACH (2) = .901 BETAT (6) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2580	-.1420	.1360	.3610	.2800	.2720	-.0390
.050				-.6970	-.5630	-.7250	-.7890
.081			-.3930				
.086		-.0320					
.094	-.0960			-.5940	-.7410	-.8480	-.9340
.150			-.3330				
.177							
.229	-.0250						
.246		-.1710					
.250				-.5900	-.7750	-.9160	-1.0610
.362	-.1520			-.6430	-.8090		-.5590
.400			.4900				
.402							
.497	-.2550			-.5700	-.7220		
.550				-.5080			
.565							-.5330
.600						-.2780	
.650					-.1840		
.700	-.3880						
.725				-.0750			
.750						-.1810	-.5020
.760			-.1870				
.775				-.0820	-.0970		
.808			-.0670				
.834	-.2810						
.850				-.0090	-.0260	-.0890	
.857							
.865	-.0920						
.900	-.0270						-.3470
.905			.0520	.0540			
.950				.1130	.0920	.0160	
.953			.0910				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING (RBM129)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (6) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	.0050						

MACH (2) = .900 BETAT (7) = 6.180

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2520	-.1230	.0660	.2940	.2270	.2160	-.0900
.050				-.7010	-.5690	-.7160	-.7870
.081			-.3830				
.086		-.0430					
.094	-.1150						
.150				-.5910	-.7120	-.8330	-.9140
.177			-.3060				
.229	-.0120						
.246		-.1720					
.250				-.5500	-.6940	-.8200	-.10390
.362	-.1470			-.6030	-.7570		-.5600
.400			-.4660				
.402							
.497	-.2500			-.5610	-.7150		
.550			-.5030				-.5410
.565						-.2800	
.600					-.2130		
.650	-.3960			-.2290		-.1910	-.5010
.700							
.725							
.750			-.3050				
.760				-.1570	-.1430		
.775			-.1270				
.808							
.834	-.4480			-.0940	-.0760	-.1290	
.850							
.857			-.0640				
.865	-.1660			-.0050			-.3110
.900	-.0900						
.935			-.0150				
.950				.0660	.0530	-.0230	
.953			.0240				
.965	-.0470						

MACH (2) = .900 BETAT (8) = 8.240

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2560	-.1020	-.0180	.2340	.1540	.1480	-.1720
.050				-.7090	-.5670	-.7170	-.7780
.081							
.086		-.0580					
.094	-.1920						

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM0.9)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .950 BETAT (0) = 8.240

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.0100		-.3120		-.5860	-.8210	-.9150
.246		-.1900					
.250							
.362	-.1310				-.5210	-.7060	-.8100 -1.0130
.400							
.402					-.5770	-.7090	-.6730
.497	-.2420		-.4540				
.550					-.5580	-.7060	
.565					-.5260		
.600							-.5830
.650						-.3010	
.700	-.3890				-.3430	-.2630	
.725							-.2150 -1.4790
.750							
.760					-.1980	-.1680	
.775					-.2290		
.808							
.834	-.5180				-.1140	-.1160	-.1450
.850							
.857					-.1180		
.865	-.2670						
.900	-.1660				-.0420		-.2320
.905					-.0770		
.950					.0160	-.0040	-.0340
.953					-.0340		
.965	-.1080						

Y/E _x X/C _w	.299	.364	.427	.534	.673	.780	.887
.020							
.050	-.1360	-.0850	.4240	.6750	.6040	.6020	.3550
.081				-.5530	-.5420	-.5120	-.4840
.086		-.0510					
.094	-.0690						
.150							
.177							
.229	-.1240			-.5970	-.6160	-.6560	-.6670
.246							
.250		-.2270					
.362							
.400	-.0640			-.6900	-.7090	-.7430	-.7570
.403							
.452				-.6710	-.7980		-.7780
.497	-.1790			-.5390			

MACH (3) = 1.100 BETAT (1) = -8.190

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AMES 11-707 1A9 O2A + S3 + T9 UPPER WING (RBMJ09)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (2) = -6.145

Y/BW X/Cd	.299	.364	.427	.534	.673	.780	.887
.838			-.1190				
.834	-.0630						
.850				-.0420	-.3070	-.4820	
.857			-.0310				
.855	-.1630						-.5660
.900	-.0750			-.0020			
.905		.0330					
.950		.0630		.0070	-.1840	-.4510	
.953							
.955	.0470						

MACH (3) = 1.103 BETAT (3) = -4.080

Y/BW X/Cd	.299	.364	.427	.534	.673	.780	.887
.000	-.2650	-.1720	.3580	.6300	.5560	.5520	.3070
.050				-.4890	-.4950	-.5030	-.4770
.081			-.2170				
.086		-.0910					
.094	-.1210						
.150			-.3820				
.177							
.229	-.1450						
.246		-.1740					
.250							
.362	-.0900			-.5720	-.6640	-.7070	-.7510
.400				-.5970	-.7550		-.7830
.402			-.5200				
.497	-.1670						
.550			-.3350	-.6370	-.7740		
.565							-.5570
.600							
.650						-.6160	
.700	-.2370						
.725				-.2720			
.750							
.760			-.1840			-.4670	-.5860
.775				-.1880	-.3940		
.808			-.1620				
.834	-.0990						
.850				-.1010	-.2350	-.3810	
.857			-.1350				
.865	-.2070						-.5940
.900	-.1440			-.0350			
.905			-.0740				
.950				-.0110	-.0770	-.3540	
.953			-.0070				

ANES 11-707 IA9 O2A + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (5) = 2.080

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.0470		-.3110				
.246							
.250							
.362	-.0750						
.400							
.402							
.497	-.1500		-.4630				
.550							
.565							
.600							
.650							
.700	-.1030						
.725							
.750							
.760							
.775							
.808							
.834	-.1990						
.850							
.857							
.865	-.2640						
.900	-.2110						
.905							
.950							
.953							
.955	-.1880						
.955							

MACH (3) = 1.103 BETAT (6) = 4.140

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							

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AMES 11-707 1A9 OCA + S3 + T9 UPPER WING

(R89459)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (3) = 1.103 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (3) = 1.101 BETAT (7) = 6.210

Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW							
.100							
.150							
.181							
.196							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 Q2A + S3 + T9 UPPER WING

(RBVJ59)

SECTION (3) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (7) = 6.210

Y/BW X/C _L	.299	.364	.427	.534	.673	.780	.887
.808			-.2820				
.834	-.2160						
.850				-.2760	-.2260	-.1780	
.857			-.2880				
.865	-.3010						
.900	-.2730			-.2610			-.10810
.935			-.2600				
.950				-.1630	-.1860	-.0340	
.953			-.2260				
.955	-.2550						

MACH (3) = 1.104 BETAT (8) = 6.260

Y/BW X/C _L	.299	.364	.427	.534	.673	.780	.887
.700	-.6270	-.2000	.0310	.3400	.2400	.2750	.15890
.950				-.3950	-.3460	-.4570	-.4860
.081			-.1010				
.086		-.0730					
.094	-.2890						
.150			-.1810	-.3270	-.3920	-.5260	-.5650
.177							
.229	.0050						
.245		-.0610					
.250				-.3650	-.4830	-.5920	-.6710
.362	.0020			-.4200	-.5340		-.6860
.400			-.2670				
.402							
.497	-.0950			-.2200	-.2840		
.550			-.2020				
.565							-.5810
.600							
.650						-.3740	
.700	-.1100				-.3470		
.725				-.2580			
.750							
.760			-.2460				
.775				-.2740	-.3280		
.808			-.2560				
.834	-.2240						
.850				-.2570	-.2730	-.1770	
.857			-.2740				
.865	-.3160						
.900	-.2590			-.2630			-.1160
.935			-.2390				
.950				-.1920	-.1100	-.0670	
.953			-.2310				

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 OCA + S3 + T9 UPPER WING

(R22259)

SECTION (1) UPPER WING

DEPENDENT VARIABLE C_F

MACH (3) = 1.104 BETAT (8) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	-.2480					

MACH (4) = 1.246 BETAT (1) = -8.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0780	-.0260	.5010	.7830	.7060	.7055	.5360
.050				-.3000	-.3030	-.2890	-.2510
.081			-.1600				
.086		-.0450					
.094	-.0390						
.150			-.4080	-.4010	-.3800	-.4330	-.4380
.177							
.229	-.0790						
.246		-.1800					
.250				-.5140	-.4950	-.5250	-.5420
.362	-.1410						
.400				-.5540	-.5820		-.5950
.472		-.4390					
.497	-.1340				-.5920	-.6770	
.550					-.4620		
.600							
.650						-.6530	-.6630
.700	-.3720				-.7110		
.725				-.3820			
.750							
.780			-.2220				
.775				-.2510	-.5770		
.808			-.1710				
.834	-.0290						
.850				-.0800	-.4210	-.5480	
.857			-.0860				
.865	-.0830						
.900	-.0370			-.0310			-.5000
.905							
.950			-.0110	-.0080	-.3190	-.3800	
.953			.0430				
.965	-.0250						

MACH (4) = 1.246 BETAT (2) = -6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1310	-.1070	.4480	.7520	.6720	.6690	.5210
.050				-.3110	-.3120	-.3190	-.2630
.091			-.1670				
.096		-.0820					
.094	-.0650						

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TABULATED PRESSURE DATA - IASA

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SECTION (1) UPPER WING

AVES 11-707 IAG O2A + S3 + T9 UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (2) = -6.110

Y/B _A	X/C _A	CP	CP	CP	CP
.150	.299	.364	.427	.534	.673
.177					.720
.229					.887
.246					
.250					
.362					
.400					
.402					
.497					
.550					
.565					
.600					
.650					
.700					
.725					
.750					
.760					
.775					
.808					
.834					
.850					
.857					
.865					
.900					
.905					
.950					
.953					
.965					
.299	.364	.427	.534	.673	.780
.200	.380	.712	.634	.635	.675
.381	.312	.314	.317	.317	.267
.506	.113				
.594	.106				
.150					
.77					
.229	.131				
.246					
.250					
.362	.185				
.400					
.402					
.497					
.550					
.565					
.600					
.650					
.700					
.725					
.750					
.760					
.775					
.808					
.834					
.850					
.857					
.865					
.900					
.905					
.950					
.953					
.965					

MACH (4) = 1.249 BETAT (3) = -4.060

Y/B _A	X/C _A	CP	CP	CP	CP
.150	.299	.364	.427	.534	.673
.177					.720
.229					.887
.246					
.250					
.362					
.400					
.402					
.497					
.550					
.565					
.600					
.650					
.700					
.725					
.750					
.760					
.775					
.808					
.834					
.850					
.857					
.865					
.900					
.905					
.950					
.953					
.965					
.299	.364	.427	.534	.673	.780
.200	.380	.712	.634	.635	.675
.381	.312	.314	.317	.317	.267
.506	.113				
.594	.106				
.150					
.77					
.229	.131				
.246					
.250					
.362	.185				
.400					
.402					
.497					
.550					
.565					
.600					
.650					
.700					
.725					
.750					
.760					
.775					
.808					
.834					
.850					
.857					
.865					
.900					
.905					
.950					
.953					
.965					

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

PAGE 2153

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (3) = -4.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.910							
.905							
.910							
.950							
.965							
.299	.364	.427	.534	.673	.780	.887	
.000	.2840	.3300	.6650	.3890	.5880	.4280	
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.299	.364	.427	.534	.673	.780	.887	
.000	.2840	.3300	.6650	.3890	.5880	.4280	
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.299	.364	.427	.534	.673	.780	.887	
.000	.2840	.3300	.6650	.3890	.5880	.4280	
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (4) = 1.242 BETAT (4) = -2.020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.299	.364	.427	.534	.673	.780	.887	
.000	.2840	.3300	.6650	.3890	.5880	.4280	
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.299	.364	.427	.534	.673	.780	.887	
.000	.2840	.3300	.6650	.3890	.5880	.4280	
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2134

AMES 11-757 1A9 12A + S3 + T9 UPPER WING

(F28055)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (4) = -2.020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.1590				
.834	-.0720						
.850				-.1560	-.3830	-.5250	
.857			-.1150				
.865	-.1500						
.900	-.1070			-.1570			-.5810
.905			-.0820				
.950			-.0570	-.1030	-.0810	-.3320	
.953							
.965	-.1030						

MACH (4) = 1.249 BETAT (5) = 2.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.700	-.4170	-.3340	.2180	.5640	.4970	.5100	.3510
.950				-.3290	-.3470	-.3520	-.2960
.081		-.1390	-.1670				
.086							
.094	-.2130			-.3840	-.3960	-.4370	-.4750
.150			-.2710				
.177							
.229	-.1450						
.245		-.1480					
.290				-.4090	-.4800	-.5150	-.5570
.362	-.1390			-.4290	-.5350		-.5810
.400			-.3620				
.402	-.1290			-.4430	-.5670		
.497			-.3490				
.550							
.563							
.600						-.6490	-.6350
.690	-.2290			-.5590			
.700			-.2060				
.725						-.6300	-.6360
.750							
.760			-.1590	-.1860	-.3770		
.775			-.1660				
.808							
.834	-.1180		-.1460	-.1620	-.2190	-.4090	
.850							
.857							
.865	-.1870			-.1490			-.5550
.900	.1600		-.1280				
.905				-.1150	-.1120	-.2480	
.950			-.1140				
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

PAGE 2155

AMES 11-707 IA9 ORA → S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

(RBM/D9)

MACH (4) = 1.249 BETAT (5) = 2.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.1510						

MACH (4) = 1.249 BETAT (6) = 4.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.100	-.4280	-.3090	.1680	.5150	.4520	.4790	.3590
.050				-.2960	-.3430	-.3600	-.2810
.081		-.1550					
.086		-.1540					
.094	-.2710			-.3540	-.3950	-.4140	-.4560
.150			-.2350				
.177	-.1270						
.229	-.1270	-.1200					
.246				-.3720	-.4720	-.4920	-.5450
.250							
.362	-.1140			-.4150	-.4880		-.5640
.400							
.402		-.3540					
.497	-.1200			-.4300	-.5200		
.550							
.585							
.600							
.650							
.700	-.1960						
.725				-.1640			
.750							
.760							
.775							
.808							
.834	-.1430						
.850							
.857							
.865	-.2040						
.900	-.1820						
.905							
.950							
.953							
.965	-.1260						

MACH (4) = 1.249 BETAT (7) = 6.170

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.100	-.4430	-.2650	.0930	.4590	.4560	.4420	.2870
.050				-.2660	-.3250	-.3640	-.3180
.081							
.086							
.094		-.2230					

AVES 11-707 IAS OCA + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (7) = 6.170

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.190							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.300							
.350							
.381							
.386							
.394							
.450							
.477							
.429							
.246							
.250							
.362							
.400							
.402							
.497							

MACH (4) = 1.246 BETAT (8) = 8.210

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.300							
.350							
.381							
.386							
.394							
.450							
.477							
.429							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 IAS O2A + S3 + T9 UPPER WING

(REPLACES)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (8) = 8.210

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2159

AVES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBMJID)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (2) = -6.050

Y/BW X/Cd	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.1130		-.6370				
.246		-.4490					
.250							
.362	-.3050			-.7040	-.8350	-.8810	-.8820
.400				-.4740	-.5880		-.7270
.402			-.3730				
.497	-.3350						
.550			-.1990	-.2360	-.3130		
.565							
.600							
.650							
.700	-.1280						-.3750
.725				-.0270			
.750							
.760			-.0440				-.0480
.775				.0360	.0170		
.808							
.834	.0510						
.850							
.857			.0580				
.865	.0600						.0160
.900	.1090						
.915			.1060				
.950				.1380	.1330	.1150	
.953			.1300				
.965	.0840						

Y/BW X/Cd	.299	.364	.427	.534	.672	.780	.887
.000							
.050	-.3060	-.2960	-.0240	.1130	-.0720	-.2120	-.8960
.081				-.9690	-1.1190	-1.3770	-1.3620
.086		-.1550	-.8750				
.094	-.0550						
.150				-.8020	-.9910	-1.1780	-1.1960
.177			-.6230				
.229	-.1190						
.246		-.4370					
.250				-.7040	-.8240	-.8670	-.8720
.362	-.3060						
.400				-.4910	-.6030		-.7160
.402			-.4000				
.497	-.3390						

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + 19 UPPER WING

(REMOVED)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .597 BETAT (4) = -2.000

Y/BW
X/CX

.808	.299	.364	.427	.534	.673	.780	.887
.834	.0080						
.850				.0610	.0700	.0400	
.857			.0350				
.865	.0280			.0970			.0220
.900	.0740		.0780				
.905				.1200	.1310	.1130	
.950			.1110				
.953							
.965	.0680						

MACH (1) = .598 BETAT (5) = .020

Y/BW
X/CX

.000	.299	.364	.427	.534	.673	.780	.887
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REV.110)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	.0540					

MACH (1) = .598 BETAT (6) = 2.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.4310	-.3700	-.0770	.1030	-.0650	-.2150
	.050				-.8420	-.9630	-1.1970
	.081						-1.2270
	.086						
	.094						
	.150						
	.177						
	.229						
	.246						
	.250						
	.362						
	.400						
	.402						
	.497						
	.550						
	.565						
	.600						
	.650						
	.700						
	.725						
	.750						
	.760						
	.775						
	.808						
	.834						
	.850						
	.857						
	.865						
	.900						
	.905						
	.950						
	.953						
	.965						

-1.1370

-.7220

-.1370

-.1430

-.5900

-.7250

-.9090

-1.0840

-1.1020

-.6820

-.7870

-.8330

-.8210

-.5300

-.6110

-.6770

-.4400

-.3180

-.3700

-.2990

-.2210

-.0870

-.0600

-.1380

-.0100

-.0170

.0420

.0530

.0470

.0760

.0600

.1060

.1290

.1090

.0890

.0360

.0330

.534

.673

.780

.887

.0630

-.1060

-.2470

-.9270

-.7970

-.9480

-1.1790

-1.1840

-.6680

-.1410

-.1730

MACH (1) = .597 BETAT (7) = 4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.4080	-.3150	-.0890	.0630	-.1060	-.2470
	.050				-.7970	-.9480	-1.1790
	.081						-1.1840
	.086						
	.094						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 IAG ODA + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (7) = 4.090

Y/BA X/CA	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.555							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

Y/BA X/CA	.299	.364	.427	.534	.673	.780	.887
.100							
.050							
.091							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

Y/BA X/CA	.299	.364	.427	.534	.673	.780	.887
.100							
.050							
.091							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

MACH (1) = .598 BETAT (8) = 5.130

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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SECTION (1) UPPER WING

MACH (2) = .902 BETAT (4) = -2.030

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

DEPENDENT VARIABLE CP

(CONT'D)

Y/CX	Y/BX	.299	.364	.427	.534	.673	.780	.887
.550								
.555								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.865								
.900								
.905								
.930								
.933								
.965								
.550								
.555								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.865								
.900								
.905								
.930								
.933								
.965								
.550								
.555								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.865								
.900								
.905								
.930								
.933								
.965								
.550								
.555								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.865								
.900								
.905								
.930								
.933								
.965								

MACH (2) = .902 BETAT (5) = 2.080

Y/CX	Y/BX	.299	.364	.427	.534	.673	.780	.887
.550								
.555								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.865								
.900								
.905								
.930								
.933								
.965								
.550								
.555								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.865								
.900								
.905								
.930								
.933								
.965								
.550								
.555								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.865								
.900								
.905								
.930								
.933								
.965								

DATE 21 SEP 73 TABULATED PRESSURE DATA - IASA

AVES 11-707 IAS OCA + S3 + T9 UPPER WING (RBWMD)

SECTION (1) UPPER WING	DEPENDENT VARIABLE CP	Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
MACH (2) = .902 BETAT (5) = 2.080										
		.808		-.1100		-.0090				
		.834					.0050	-.0990	-.3650	
		.850				.0520				
		.857		-.0260			.0550			-.4690
		.865		.0300		.0850				
		.900					.0930	.0100	-.2100	
		.905				.1140				
		.950								
		.953		.0540						
		.965								
MACH (2) = .901 BETAT (6) = 4.130										
		.Y/BW		.299	.364	.427	.534	.673	.780	.887
		X/CW		-.2950	-.1930	.0450	.3130	.1970	.1420	-.2540
		.500					-.7950	-.9690	-1.0190	-1.0750
		.550				-.4790				
		.581			-.0620					
		.596		-.1950			-.6520	-.7550	-.8950	-1.0430
		.594				-.4690				
		.150								
		.177		-.0400						
		.229			-.2220					
		.246					-.6770	-.9070	-1.0060	-.5360
		.250								
		.362		-.1990			-.6730	-.8680		-.3220
		.420				-.5240				
		.452					-.6020	-.4060		
		.497		-.3300						
		.551				-.5480				-.5470
		.565							-.4820	
		.600								
		.650			-.4160		-.1720			-.5360
		.700						-.2370		
		.725								
		.750				-.1240				
		.760					-.0910	-.1710		
		.775				-.0540				
		.808								
		.834		-.1870			-.0180	-.1030	-.3450	
		.850				.0020				
		.857								
		.865		-.0710			.0380			-.4650
		.900		-.0160		.0360				
		.905					.0800	-.0010	-.1750	
		.950								
		.953				.0710				

AXES 11-797 1A9 OEA + S3 + T9 UPPER WING

(REVISED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (6) = 4.130

Y/B _A X/C _A	.299	.364	.427	.534	.673	.785	.967
.965	.0110						

MACH (2) = .901 BETAT (7) = 6.250

Y/B _A X/C _A	.299	.364	.427	.534	.673	.785	.887
.000	-.3060	-.1720	-.0260	.2260	.1470	.1100	-.3140
.050				-.7870	-.9900	-.1160	-.1060
.081			-.4480				
.086		-.0850					
.094							
.150	-.2700						
.177		-.4540					
.229	-.0360						
.246		-.2130					
.250							
.362	-.1800						
.400							
.402		-.5980					
.497	-.3060						
.550							
.565		-.5360					
.670							
.690							
.700	-.4180						
.725							
.750							
.760							
.775							
.808							
.834	-.3490						
.850							
.857							
.865	-.1380						
.900	-.0700						
.905							
.950							
.953							
.965	-.0430						

MACH (2) = .950 BETAT (8) = 8.260

Y/B _A X/C _A	.299	.364	.427	.534	.673	.785	.887
.000	-.3250	-.1440	-.1070	.1600	.0650	.0650	-.3640
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.670							
.690							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RENGID)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .950 BETAT (1) = 0.265

Y/BX X/OX	.299	.364	.427	.534	.673	.785	.897
.150							
.177							
.229	-.0320		-.4255		-.5740	-.7670	-.9580
.246		-.2710					
.250				-.6040	-.7630	-.9600	-.9970
.362	-.1640						
.400				-.6140	-.8120		-.9690
.402			-.5010				
.497	-.2940						
.550			-.5740		-.5830	-.6410	
.565							-.5730
.600							
.650							
.710	-.4140						
.725							
.750							
.760							
.775							
.808							
.834	-.5350						
.850							
.857							
.855	-.2260						
.900	-.1390						
.905							
.950							
.953							
.989	-.0970						
Y/BX X/OX	.299	.364	.427	.534	.673	.785	.897
.000							
.050	-.1670	-.1670	.3570	.6340	.5580	.5310	.2350
.081							
.085							
.094							
.150							
.177							
.229	-.1120						
.246		-.2680					
.250							
.362	-.0790						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.710							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.989							

MACH (3) = 1.103 BETAT (1) = -0.180

Y/BX X/OX	.299	.364	.427	.534	.673	.785	.897
.000							
.050	-.1670	-.1670	.3570	.6340	.5580	.5310	.2350
.081							
.085							
.094							
.150							
.177							
.229	-.1120						
.246		-.2680					
.250							
.362	-.0790						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.710							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.989							

AVES 11-707 1A9 CCA + S3 + T9 UPPER WING

(REMOVED)

SECTION 1: UPPER WING

DEPENDENT VARIABLE C_p

WAC (3) = 1.103 BEAT (1) = -8.190

Y/BA
Y/CA

.500	.364	.427	.534	.673	.780	.897
.565						
.600						
.650						
.700						
.725						
.750						
.760						
.775						
.808						
.834						
.850						
.857						
.865						
.880						
.905						
.920						
.953						
.965						

WAC (3) = 1.103 BEAT (2) = -6.130

Y/BA
Y/CA

.500	.364	.427	.534	.673	.780	.897
.565						
.600						
.650						
.700						
.725						
.750						
.760						
.775						
.808						
.834						
.850						
.857						
.865						
.880						
.905						
.920						
.953						
.965						

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AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REVISED)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (3) = 1.103 BETAT (2) = -6.130

Y/B _W	Y/C _W	.299	.364	.427	.534	.673	.780	.897
.808								
.834								
.850								
.857								
.865								
.870								
.875								
.880								
.883								
.885								
.887								

MACH (3) = 1.102 BETAT (3) = -4.080

Y/B _W	Y/C _W	.299	.364	.427	.534	.673	.780	.897
.898								
.900								
.902								
.904								
.906								
.908								
.910								
.912								
.914								
.916								
.918								
.920								
.922								
.924								
.926								
.928								
.930								
.932								
.934								
.936								
.938								
.940								
.942								
.944								
.946								
.948								
.950								
.952								
.954								
.956								
.958								
.960								
.962								
.964								
.966								
.968								
.970								
.972								
.974								
.976								
.978								
.980								
.982								
.984								
.986								
.988								
.990								
.992								
.994								
.996								
.998								
.999								

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TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

REVISED

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (3) = -4.080

Y/BX X/CW	.299	.364	.427	.534	.673	.780	.887
.965	.0600						

MACH (3) = 1.102 BETAT (4) = -2.020

Y/BX X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4290	-.4140	.2480	.5480	.4810	.4630	.1580
.050				-.5910	-.5960	-.6020	-.6090
.081			-.3050				
.086		-.0990					
.094		-.1980					
.150				-.6030	-.6580	-.7210	-.7530
.177			-.4090				
.229		-.1200					
.246		-.1850					
.250				-.6120	-.7360	-.7890	-.8280
.352		-.0980		-.6150	-.7970		-.5150
.400			-.5340				
.402		-.1880		-.6590	-.7410		
.497			-.4420				
.550							
.565							
.600							
.650							
.700		-.3790		-.2450	-.4700	-.5710	-.5840
.725							
.750							
.760				-.2450	-.1650	-.2950	
.775				-.2770			
.808							
.834		-.1460		-.1040	-.2340	-.3320	
.850							
.857							
.865		-.2590					
.890		-.1800		-.0660			-.5300
.905				-.0280			
.950				-.0540	-.2410	-.5010	
.953				.0150			
.965		.0260					

MACH (3) = 1.102 BETAT (5) = 2.020

Y/BX X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.5910	-.4050	.1220	.4740	.4060	.4150	.1020
.050				-.5610	-.5940	-.6120	-.6240
.081			-.2480				
.086		-.1020					
.094							
.150							
.177							
.229		-.3240					

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TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 08A + S3 + T9 UPPER WING

(REVISED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (6) = 4.140

Y/BX
X/CX

.550	.299	.364	.427	.534	.573	.720	.897
.555			-.2460	-.2980	-.6100		
.600						-.4540	-.8000
.650							
.700	-.1490						
.725				-.2970		-.3630	
.750							-.3110
.760			-.1190				-.8150
.775			-.2830	-.2910	-.2250		
.808							
.834	-.2130			-.2600	-.1240	-.2930	
.850							
.857			-.2830				
.865	-.3040			-.1630			-.5890
.900	-.2990		-.2540				
.905				-.0800	-.0940	-.2150	
.930			-.1370				
.953							
.955	-.1890						

MACH (3) = 1.100 BETAT (7) = 6.220

Y/BX
X/CX

.550	.299	.364	.427	.534	.573	.720	.897
.555	-.5120	-.2580	.0550	.2950	.3140	.3140	-.0310
.600				-.4850	-.6340	-.6460	-.6550
.650			-.1820				
.700		-.0530					
.725	-.4600			-.3770	-.5320	-.7000	-.7710
.750			-.2230				
.775	-.0360						
.808		-.0560					
.834				-.4190	-.5790	-.6550	-.8200
.850	-.0190			-.4990	-.6170		-.7950
.857			-.4060				
.865	-.1550			-.2740	-.4510		
.900			-.2420				
.905							-.7050
.930						-.4350	
.953	-.2460			-.2980	-.3770		
.955							-.3160
			-.2830				-.6370
				-.3070	-.3430		

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(CONT'D)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.156 BETAT (8) = 8.280

	Y/BA	.299	.364	.427	.534	.673	.780	.887
X/CA	.965	-.2540						

MACH (4) = 1.246 BETAT (1) = -8.140

	Y/BA	.299	.364	.427	.534	.673	.780	.887
X/CA	.000	-.0990	-.0820	.4410	.7520	.6720	.6620	.4530
	.050				-.3890	-.3890	-.3780	-.3610
	.081			-.2630				
	.086		-.0650					
	.094	-.0390						
	.150				-.4780	-.4800	-.5100	-.5210
	.177			-.4860				
	.229	-.0780						
	.246		-.2300					
	.250				-.5720	-.5650	-.5880	-.5980
	.362	-.1510			-.6250	-.6400		-.6320
	.400			-.4820				
	.452							
	.497	-.1580			-.6230	-.7120		
	.550			-.5010				
	.565							
	.570							
	.650							
	.750	-.4060			-.6130		-.6420	
	.725				-.4010			
	.750			-.2800			-.5770	-.5920
	.775							
	.808		-.5370		-.3440	-.5370		
	.834	-.0470						
	.850			-.2250	-.4570	-.5240		
	.857			-.1170				
	.865	-.1080						
	.900	-.0610		-.1120				-.5050
	.915							
	.950		-.0320					
	.953			-.0370	-.0340	-.3770	-.4440	
	.965	-.0340						

MACH (4) = 1.246 BETAT (2) = -6.060

	Y/BA	.299	.364	.427	.534	.673	.780	.887
X/CA	.000	-.1600	-.1820	.3930	.7110	.6350	.6220	.4030
	.050				-.4500	-.3960	-.3940	-.3780
	.081			-.2680				
	.086		-.1140					
	.094							
	.150							
	.177							
	.229							
	.246							
	.250							
	.362							
	.400							
	.452							
	.497							
	.550							
	.565							
	.570							
	.650							
	.750	-.4060			-.6130		-.6420	
	.725				-.4010			
	.750			-.2800			-.5770	-.5920
	.775							
	.808		-.5370		-.3440	-.5370		
	.834	-.0470						
	.850			-.2250	-.4570	-.5240		
	.857			-.1170				
	.865	-.1080						
	.900	-.0610		-.1120				-.5050
	.915							
	.950		-.0320					
	.953			-.0370	-.0340	-.3770	-.4440	
	.965	-.0340						

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TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (2) = -6.085

Y/B _A X/C _A	.299	.364	.427	.534	.673	.760	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.965							

MACH (4) = 1.250 BETAT (3) = -4.050

Y/B _A X/C _A	.299	.364	.427	.534	.673	.760	.887
.000							
.050							
.091							
.096							
.094							
.150							
.177							
.229							
.246							
.250							
.352							
.400							
.402							
.497							

TABULATED PRESSURE DATA - IASA

DATE 21 SEP 73

AVES 11-707 IAS O2A + S3 + T9 UPPER WING

REMARKS

SECTION (3) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.250 BETAT (3) = -4.050

Y/B ₄ X/CW	.299	.364	.427	.534	.673	.783	.887
.590							
.565							
.500							
.653							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.955							
.299							
.364							
.427							
.534							
.673							
.783							
.887							
.500							
.500							
.581							
.595							
.594							
.593							
.577							
.529							
.246							
.250							
.362							
.400							
.402							
.437							
.550							
.565							
.500							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (4) = 1.249 BETAT (4) = -2.020

Y/B ₄ X/CW	.299	.364	.427	.534	.673	.783	.887
.500							
.500							
.581							
.595							
.594							
.593							
.577							
.529							
.246							
.250							
.362							
.400							
.402							
.437							
.550							
.565							
.500							
.650							
.700							
.725							
.750							
.760							
.775							

0925 2120

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TABULATED PRESSURE DATA - IASA

AVES 11-737 1A9 02A + S3 + T9 UPPER WING

(750110)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (4) = -2.020

Y/B4 X/C4	.299	.364	.427	.534	.573	.753	.887
.808							
.834	-.0750		-.2080				
.850							
.857			-.1610				
.865	-.1640						
.900	-.1230						
.905			-.1030				
.950							
.953			-.0630				
.955	-.1220						

MACH (4) = 1.245 BETAT (5) = 2.070

Y/B4 X/C4	.299	.364	.427	.534	.573	.753	.887
.000							
.000	-.4220	-.3570	.1250	.5120	.4770	.4520	.2910
.050				-.4450	-.4360	-.4330	-.4750
.082			-.2730				
.085		-.1690					
.094	-.2330						
.150							
.177							
.229	-.1730						
.246							
.250		-.1730					
.362	-.1250						
.420							
.422			-.3990				
.497	-.1490						
.550							
.565							
.670							
.650							
.720	-.2690						
.725							
.750							
.760							
.775							
.809							
.834	-.1350						
.850							
.857							
.855	-.2000						
.900	-.1720						
.905							
.950							
.953							

-.2270

.953

AMES 11-707 1A9 OBA + S3 + T9 UPPER WING

(CONTINUED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW	.965	-.1650					

MACH (4) = 1.247 BETAT (6) = 4.120

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
	.070	-.4330	-.3540	.0910	.4760	.4380	.2775
	.050				-.4400	-.4430	-.4120
	.081		-.2230				
	.086		-.1740				
	.094	-.3070					
	.150						
	.177		-.2680				
	.229	-.1480					
	.246		-.1480				
	.250			-.4250	-.5320	-.5910	-.6180
	.362	-.0990			-.4500	-.5500	-.6480
	.400						
	.402		-.3820				
	.497	-.1480			-.4440	-.5730	
	.550		-.3540				-.6970
	.565					-.6690	
	.600						
	.650	-.2400		-.2230		-.6350	-.6570
	.700						
	.725						
	.750		-.1520				
	.760			-.1870	-.3370		
	.775		-.1740				
	.808						
	.834	-.1570					
	.850			-.1650	-.2310	-.4230	
	.857		-.1550				
	.865	-.1940					-.5940
	.900	-.1530		-.1520			
	.905		-.1350				
	.950			-.1210	-.1440	-.2530	
	.953		-.1190				
	.965	-.1450					

MACH (4) = 1.246 BETAT (7) = 6.160

Y/BW	.209	.364	.427	.534	.673	.780	.887
X/CW							
	.070	-.4480	-.3300	.0290	.3750	.4090	.2180
	.090				-.3830	-.4470	-.4530
	.081		-.1630				
	.086						
	.094	-.4370					

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TABULATED PRESSURE DATA - 1A9A

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SECTION : 1) UPPER WING

AMES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RBMU10)

DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (7) = 6.160

Y/BW X/CN	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.1250		-.2050				
.246							
.250		-.1300					
.362	-.0610						
.400							
.402							
.497	-.1250		-.3470				
.550							
.565			-.2780				
.600							
.650							
.700	-.1720						
.725							
.750							
.760							
.775							
.808							
.834	-.1540						
.850							
.857							
.865	-.2200						
.900	-.2080						
.905							
.950							
.953							
.955							
.957							
.959							
.960							
.961							
.962							
.963							
.964							
.965							
.966							
.967							
.968							
.969							
.970							
.971							
.972							
.973							
.974							
.975							
.976							
.977							
.978							
.979							
.980							
.981							
.982							
.983							
.984							
.985							
.986							
.987							
.988							
.989							
.990							
.991							
.992							
.993							
.994							
.995							
.996							
.997							
.998							
.999							
1.000							

MACH (4) = 1.247 BETAT (8) = 8.220

Y/BW X/CN	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.4700	-.3010	-.0240	.3080	.2670	.3460	.1510
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834	-.1540						
.850							
.857							
.865	-.2200						
.900	-.2080						
.905							
.950							
.953							
.955							
.957							
.959							
.960							
.961							
.962							
.963							
.964							
.965							
.966							
.967							
.968							
.969							
.970							
.971							
.972							
.973							
.974							
.975							
.976							
.977							
.978							
.979							
.980							
.981							
.982							
.983							
.984							
.985							
.986							
.987							
.988							
.989							
.990							
.991							
.992							
.993							
.994							
.995							
.996							
.997							
.998							
.999							
1.000							

DATE 21 SEP 73

TAB 17 ATED PRESSURE DATA - 1A9A

AMES 11-757 1A9 02A + S3 + T9 UPPER WING

15

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING-

$$\text{MACH} (4) = 1.247 \quad \text{BETAT} (4) = 9.220$$

Y/BW	.299	.364	.427	.354	.070
X/Cu					
.590				-.3440	-.5450
.565			-.2580		
.600					
.680					-.6260
.700	-.1810			-.3670	
.725				-.2170	-.6450
.750			-.2100		-.4370
.760				-.2160	-.3270
.775			-.2370		
.808					
.834	-.1710			-.2040	-.2910
.850			-.2190		
.857					
.865	-.2420			-.2060	-.4580
.900	-.2240				
.905			-.1980	-.1920	-.1420
.950					-.2190
.953			-.1870		
.965	-.2130				

TABULATED PRESSURE DATA - 1A9A

AMES 11-737 1A9 Q2A + S3 + T9 UPPER WING

157

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (2) = -.6.030

-.534 .673 .780 .887
-.6280 -1.1690 -1.3740 -1.3370

Y/BW	.299	.364	.427
X/CW			
.150			
.177			
			-.7260

229	-1471	-5390	-7711	-9651	-0030
246					

.250		
.362	- .3690	
.4075		- .4220 - .6280 - .7830

.472		-.4123
.497	-.3930	
.553		-.2463
		-.3223

.565
 .600
 .650
 -.2590
 -.2120
 -.4280

.703	-.1430	-.0950
.725		-.0610
.747		-.0730
		-.1923

.76		- .0395		.0130	- .0189
.763					
.775					
erie			m32n		

..825	..0460	..0075
..834	..0460	..0075
..850	..0460	..0075

0.857	0.870	0.920	0.940
0.865	0.890	0.920	0.940
0.900	0.970	0.920	0.940

.915	.1250	.1130	.0660
.950			
.953	.1420		

0.95	0.793				
		0.299	0.364	0.427	0.534
					0.573
					0.760
					0.887

MACH (1) = .597 BETAT (3) = -4.510

[illegible]

1.84	-1.6740
1.950	
1.4500	
-1.4500	
0.0000	
-1.1800	-1.4450 -1.9650 -2.3550

5.30	-0.2260
5.4	-0.0980
5.5	-0.3180
5.6	-1.1570
5.7	-1.3640
5.8	-1.3270

.177	-7143
.229	-1633
.246	-5280

250	-	7760	-9270	-9910
352	-	3630		
400		5180	-6370	-7810

412
497
-4373
-4323

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AXES 11-767 1A9 02A + S3 + T9 UPPER WING

REMARKS

SECTION (1) UPPER WING

MACH (1) = .597 BETAT (3) = -4.010

DEPENDENT VARIABLE CP	Y/BW	.259	.364	.427	.534	.673	.780	.837
Y/OW								
.550								
.565								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.855								
.860								
.865								
.860								
.853								
.955								

MACH (1) = .599 BETAT (4) = -2.000

DEPENDENT VARIABLE CP	Y/BW	.259	.364	.427	.534	.673	.780	.837
Y/OW								
.000								
.050								
.051								
.066								
.134								
.150								
.177								
.229								
.245								
.250								
.362								
.400								
.402								
.497								
.550								
.555								
.600								
.650								
.700								
.725								
.750								
.760								
.775								

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2199

AVES 11-107 1A9 Q2A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (4) = -2.000

Y/B4 X/C4	.299	.354	.427	.534	.673	.785	.987
.808			.0150				
.834	-.0090			.0560	.0370	.0120	
.850			.0700				
.857							
.865	.0150			.0910			-.0360
.900	.0600		.1090				
.905				.1130	.1040	.0770	
.950			.1290				
.953							
.965	.0610						

MACH (1) = .600 BETAT (5) = .020

Y/B4 X/C4	.299	.364	.427	.534	.673	.785	.887
.900	-.0030	-.4940	-.1820	-.0610	-.3330	-.5750	-1.2130
.950				-.0980	-1.3350	-1.6590	-1.9030
.981			-.9550				
.986		-.1950					
.994	-.1760			-.8760	-1.0970	-1.3070	-1.2660
.150			-.6690				
.177							
.229	-.1760						
.246		-.4570					
.250				-.7790	-.8990	-.9500	-.9440
.362	-.3880			-.5450	-.6450		-.7700
.400			-.4740				
.402							
.497	-.4190		-.3470	-.3130	-.3770		
.550							
.565							
.600							
.650							
.700	-.2380			-.0930	-.1390	-.2410	
.725							
.750							
.760				-.0560			
.775			.0120	-.0160	-.0470		
.808							
.834	-.0400			.0470	.0330	.0120	
.850			.0560				
.857							
.865	-.0030			.0830			-.1440
.900	.0380		.0840				
.905				.1180	.0000	.0770	
.950			.1110				
.953							

DATE 21 SEP 79

TABULATED PRESSURE DATA - 1A9A

PAGE 2192

AXES 11-707 IAG CGA + S3 + T9 UPPER WING

(CENT)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .601 BETAT (9) = 6.150

Y/BW X/CW	.299	.364	.427	.534	.613	.780	.897
.808			-.1020				
.834	-.1310						
.850				.0050	.0210	.0210	
.857			-.0650				
.865	-.0890						-.0300
.870	-.0370			.0480			
.875							
.880			-.0150	.0890	.0890		
.885			.0250				
.890							
.895	-.0290						

MACH (1) = .600 BETAT (10) = 6.190

Y/BW X/CW	.299	.364	.427	.534	.613	.780	.897
.000	-.3990	-.2800	-.3600	-.2730	-.4610	-.6810	-.1400
.050				-.9550	-.1150	-.1320	-.1640
.081			-.6510				
.085		-.2090					
.094	-.4140						
.150			-.5660	-.7780	-.9940	-.1190	-.1190
.177							
.229	-.1420						
.246		-.4330					
.250				-.7190	-.8900	-.8960	-.8960
.362	-.3140			-.5690	-.6460		-.7260
.400							
.402			-.5310				
.497	-.3860		-.4680	-.3960	-.4110		
.550							
.565							
.600							
.650						-.2520	-.4040
.700	-.3290				-.1710		
.725				-.1840			
.750						-.1020	-.1020
.760			-.2030				
.775				-.0760	-.0790		
.803			-.1310				
.834	-.1720						
.850				-.0200	-.0070	-.0010	
.857			-.0960				
.865	-.1290						
.900	-.0970			.0100			-.1340
.905			-.0510				
.950				.0470	.0630	.0550	
.953			-.0190				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

= 1.2E 2133

AVES 11-707 1A9 Q2A + S3 + T9 UPPER WING

-294.11

SECTION (1) UPPER WING

DEPENDENT VARIABLE Cp

MACH (1) = .650 BETAT (10) = 8.190

Y/B _W	.299	.364	.427	.534	.673	.785	.887
X/C _W	.965	-.0980					

MACH (2) = .950 BETAT (1) = -8.140

Y/B _W	.299	.364	.427	.534	.673	.785	.887
X/C _W							
	.020	-.3480	.1950	.4170	.3120	.2390	-.1710
	.050			-1.0700	-1.1460	-1.1400	-.5800
	.081		-.5870				
	.086	-.0820					
	.094	.0080					
	.150						
	.177		-.8910				
	.229	-.0260					
	.246		-.3550				
	.250						
	.362	-.2330					
	.400						
	.402		-.4850				
	.497	-.5020					
	.550						
	.565						
	.600						
	.650						
	.700	-.0410					
	.725						
	.750						
	.760						
	.775						
	.808						
	.834	-.0150					
	.850						
	.857						
	.865	-.0120					
	.900	.0590					
	.915						
	.950						
	.953						
	.965	.0600					

MACH (2) = .950 BETAT (2) = -6.090

Y/B _W	.299	.364	.427	.534	.673	.785	.887
X/C _W							
	.020	-.4270	-.3490	.1660	.3890	.2890	.2240
	.050						
	.091						
	.096						
	.094						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2-34

AYES 11-707 1A9 72A + 53 + 79 UPPER WING

(394211)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (2) = -6.090

Y/B _A X/C _A	.299	.264	.427	.534	.573	.780	.897
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.750							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = .903 BETAT (3) = -4.050

Y/B _A X/C _A	.299	.364	.427	.534	.573	.780	.897
.100							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

020000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .503 BETAT (3) = -4.060

Y/BA .209 .354 .427 .534 .673 .785 .887

Y/CA

.550 .565 .600 .650 .700 .725 .750 .760 .775 .808 .834 .850 .857 .865 .870 .905 .950 .953 .955

-.2440 -.3265 -.4290 -.4750 -.5390 -.5500

-.1110 -.2350 -.4750 -.5390 -.5500

-.1090 -.1810 -.3410 -.3750 -.4950

-.0550 -.0140 -.0750 -.0750 -.0750

-.0600 -.0600 -.0600 -.0600 -.0600

-.0600 -.0600 -.0600 -.0600 -.0600

-.0600 -.0600 -.0600 -.0600 -.0600

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-.0600 -.0600 -.0600 -.0600 -.0600

-.0600 -.0600 -.0600 -.0600 -.0600

MACH (2) = .901 BETAT (4) = -2.020

Y/BA .209 .354 .427 .534 .673 .785 .887

Y/CA

.550 .565 .600 .650 .700 .725 .750 .760 .775 .808 .834 .850 .857 .865 .870 .905 .950 .953 .955

-.2440 -.3265 -.4290 -.4750 -.5390 -.5500

-.1110 -.2350 -.4750 -.5390 -.5500

-.1090 -.1810 -.3410 -.3750 -.4950

-.0550 -.0140 -.0750 -.0750 -.0750

-.0600 -.0600 -.0600 -.0600 -.0600

-.0600 -.0600 -.0600 -.0600 -.0600

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-.0600 -.0600 -.0600 -.0600 -.0600

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (4) = -2.020

Y/B _N X/C _N	.299	.354	.427	.534	.673	.783	.897
.808			-.052				
.834	-.0950						
.855			-.0100		-.1180	-.3690	-.4980
.857							
.855	-.0430				-.0710		-.4950
.900	.0300		.0410		-.0100	-.2140	-.4370
.905							
.950							
.953							
.965	.0500						

MACH (2) = .901 BETAT (5) = 2.080

Y/B _N X/C _N	.299	.364	.427	.534	.673	.783	.887
.000							
.050	-.3440	-.2710	.0340	.3200	.1550	.0800	-.3550
.081			-.5420	-.9580	-1.1070	-1.1520	-.5690
.086		-.1020					
.094	-.2460						
.150			-.6120	-.8790	-1.0370	-1.2210	-.5750
.177							
.229	-.0710						
.246		-.2530					
.250				-.8250	-1.0980	-1.0710	-.5550
.362	-.2410			-.7930	-.5010		-.5420
.400			-.6110				
.402							
.497	-.4550		-.3340	-.2590	-.3720		
.550							
.565							
.600							
.650							
.700	-.3500				-.4530		-.5480
.725				-.2330			
.750						-.5480	-.5410
.760			-.1410				
.775			-.0750	-.1580	-.3770		
.808							
.834	-.1590						
.850			-.0180	-.0920	-.3210	-.4940	
.857							
.865	-.1490						
.900	-.0120			-.0570			-.5050
.905			.0180				
.950				-.0140	-.1670	-.4040	
.953			.0670				

TABULATED PRESSURE DATA - IASA

AXES 11-707 1A9 C2A + S3 + T9 UPPER WING

(RBMU11)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = .901 BETAT (5) = 2.080

Y/BW .299 .364 .427 .534 .673 .780 .887
X/CW .965

MACH (2) = .900 BETAT (6) = 4.150

Y/BW .299 .364 .427 .534 .673 .780 .887
X/CW .000 .2340 -.0250 .2790 .1200 .0710 -.4280
.050 .081 .086 .094 .150 .177 .229 -.0530
.246 .250 .362 .400 .402 .497 .550 .565 .600 .650 .700 .725 .750 .760 .775 .808 .834 .850 .857 .865 .890 .905 .920 .953 .965

-.7750 -1.0240 -1.2270 -.5900

-.7620 -.9290 -.9760 -.5600

-.7180 -.4870 -.5500

-.6730

-.2990 -.3590

-.4380

-.5590

-.5610

-.4250

-.2490

-.1560 -.3280

-.1810

-.1210

-.1110 -.2570 -.4810

-.0570

-.0680

-.0210

-.0020 -.1050 -.4040

.0290

-.4980

MACH (2) = .902 BETAT (7) = 6.200

Y/BW .299 .364 .427 .534 .673 .780 .887
X/CW .000 .2340 -.0250 .2790 .1200 .0710 -.4280
.050 .081 .086 .094 .150 .177 .229 -.0530
.246 .250 .362 .400 .402 .497 .550 .565 .600 .650 .700 .725 .750 .760 .775 .808 .834 .850 .857 .865 .890 .905 .920 .953 .965

-.7620 -.9290 -.9760 -.5600

-.7180 -.4870 -.5500

-.6730

-.2990 -.3590

-.4380

-.5590

-.5610

-.4250

-.2490

-.1560 -.3280

-.1810

-.1210

-.1110 -.2570 -.4810

-.0570

-.0680

-.0210

-.0020 -.1050 -.4040

.0290

-.4980

-.4780

-.1110

-.3980

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(REQ.111)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (7) = 6.200

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.0740		-.5110				
.246		-.2590					
.250							
.362	-.2150						
.400							
.402							
.497	-.4020						
.550							
.565							
.600							
.650							
.700	-.4250						
.725							
.750							
.760							
.775							
.808							
.834	-.2430						
.850							
.857							
.865	-.1580						
.900	-.1010						
.905							
.950							
.953							
.965	-.0590						

MACH (2) = .900 BETAT (8) = 8.280

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.3650	-.1740	-.1880	.0970	.0310	-.0330	-.5070
.061							
.086							
.094							
.150							
.177							
.229	-.0710						
.246							
.250							
.362	-.1950						
.400							
.402							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 1.-707 1A9 Q2A + S3 + T9 UPPER WING

PERCENT

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (8) = 0.280

Y/B _W X/C _W	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.550							
.700							
.725							
.750							
.765							
.775							
.800							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.955							
.955							

MACH (3) = 1.100 BETAT (1) = -0.150

Y/B _W X/C _W	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.550							
.700							
.725							
.750							
.765							
.775							
.800							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.955							
.955							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-717 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (3) = 1.103	BETAT (1) = -8.150	Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
		.808			-.1550				
		.834	.0290						
		.850				-.2850	-.4180	-.5400	
		.857			-.0960				
		.865	-.1320						-.5310
		.900	-.0230			-.2380			
		.905			-.0230				
		.950				-.1910	-.4080	-.5300	
		.953			.0180				
		.965	.0490						

MACH (3) = 1.098 BETAT (2) = -6.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.3150	-.3540	.2370	.5800	.4890	.4390	.0560
.061			-.4160	-.6900	-.7030	-.7140	-.7290
.086		-.1570					
.094	-.1250			-.7650	-.7810	-.8160	-.8280
.150			-.6730				
.177	-.1380						
.229		-.3220					
.246				-.8130	-.8040	-.8630	-.7260
.250							
.352	-.1700			-.7930	-.7010		-.5150
.400			-.5750				
.472				-.6080	-.6350		
.497	-.2320						
.550			-.5080				
.565							
.610							
.650							-.5210
.730	-.5220					-.5290	
.725				-.4080	-.4850		
.750						-.5320	-.5090
.760			-.2060				
.775			-.1790	-.3220	-.4120		
.808							
.834	.0230			-.2530	-.4040	-.5340	
.850			-.1060				
.857							
.865	-.1170			-.2540			-.5140
.900	-.0340						
.905			-.0360				
.950				-.1650	-.3970	-.5190	
.953			.0110				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2203

AVES 11-757 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (2) = -8.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	.0380						

MACH (3) = 1.102 BETAT (3) = -4.570

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4110	-.4600	.2000	.5400	.4660	.4180	.0370
.050				-.6880	-.7220	-.7120	-.7310
.081			-.4700				
.096		-.1960					
.094	-.1760						
.150				-.7400	-.7740	-.8110	-.8300
.177			-.5420				
.223	-.1700						
.246		-.2390					
.250				-.7610	-.8180	-.8500	-.8430
.352	-.0720			-.7210	-.7500		-.4950
.400			-.5650				
.402							
.497	-.2290			-.5710	-.6150		
.510			-.5400				
.555							
.600							
.650							
.700	-.5210						
.725				-.3590			
.750					-.4590	-.5170	
.760							
.775			-.1890				
.818				-.2820	-.3890		
.834	-.0040						
.851							
.857			-.1300				
.865	-.1050						
.910	-.0400						
.915			-.0630				
.950				-.1500	-.3820	-.5110	
.953							
.965	.0360						

MACH (3) = 1.102 BETAT (4) = -2.030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.5280	-.5770	.1590	.5170	.4450	.4000	.0120
.050				-.6930	-.7020	-.7200	-.7410
.081			-.4390				
.096		-.1620					
.094							
.150							
.177							
.223							
.246							
.250				-.7610	-.8180	-.8500	-.8430
.352	-.0720			-.7210	-.7500		-.4950
.400			-.5650				
.402							
.497	-.2290			-.5710	-.6150		
.510			-.5400				
.555							
.600							
.650							
.700	-.5210						
.725				-.3590			
.750					-.4590	-.5170	
.760							
.775			-.1890				
.818				-.2820	-.3890		
.834	-.0040						
.851							
.857			-.1300				
.865	-.1050						
.910	-.0400						
.915			-.0630				
.950				-.1500	-.3820	-.5110	
.953							
.965	.0360						

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

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ANES 11-707 IA9 CCA + S3 + T9 UPPER WING

(R80111)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (4) = -2.030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.253							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.818							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

MACH (3) = 1.101 BETAT (5) = 2.090

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							



DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2203

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (5) = 2.090

Y/BW X/CW	.299	.364	.427	.534	.673	.783	.887
.550							
.565							
.600							
.690							
.700							
.725							
.750							
.760							
.775							
.809							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							

MACH (3) = 1.103 BETAT (6) = 4.150

Y/BW X/CW	.299	.364	.427	.534	.673	.783	.887
.500							
.550							
.581							
.586							
.594							
.650							
.677							
.629							
.646							
.650							
.662							
.690							
.697							
.650							
.655							
.659							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-757 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING DEPENDENT VARIABLE OF

WACH (3) = 1.100 BETAT (7) = 6.230	Y/BA	.299	.364	.427	.534	.673	.785	.889
	Y/CA							
		.365	-.1910					
WACH (3) = 1.100 BETAT (8) = 8.300	Y/BA	.299	.364	.427	.534	.673	.785	.889
	Y/CA							
		.365	-.1910					
		.000	-.6870	-.2770	.0290	.0370	.2265	-.1520
		.050			-.6550	-.7450	-.7550	-.7610
		.081						
		.096						
		.094						
		.150						
		.177						
		.229						
		.246						
		.250						
		.362						
		.410						
		.472						
		.497						
		.550						
		.565						
		.600						
		.650						
		.700						
		.725						
		.750						
		.760						
		.775						
		.800						
		.824						
		.850						
		.857						
		.865						
		.910						
		.915						
		.950						
		.953						
		.965						
WACH (4) = 1.245 BETAT (1) = -8.110	Y/BA	.299	.364	.427	.534	.673	.785	.889
	Y/CA							
		.365	-.1910					
		.000	-.6870	-.2770	.0290	.0370	.2265	-.1520
		.050			-.6550	-.7450	-.7550	-.7610
		.081						
		.096						
		.094						
		.150						
		.177						
		.229						
		.246						
		.250						
		.362						
		.410						
		.472						
		.497						
		.550						
		.565						
		.600						
		.650						
		.700						
		.725						
		.750						
		.760						
		.775						
		.800						
		.824						
		.850						
		.857						
		.865						
		.910						
		.915						
		.950						
		.953						
		.965						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2227

SECTION (1) UPPER WING

MACH (4) = 1.249 SETAT (2) = -6.070

AVES 11-757 1A9 02A + 33 + 79 UPPER WING

DEPENDENT VARIABLE CP

Y/B _W X/CW	.285	.364	.427	.534	.573	.720	.827
.553							
.555							
.600							
.650							
.751							
.785							
.790							
.795							
.815							
.834							
.850							
.857							
.865							
.870							
.875							
.878							
.880							
.882							
.883							
.885							

MACH (4) = 1.249 SETAT (3) = -4.040

Y/B _W X/CW	.285	.364	.427	.534	.573	.720	.827
.553							
.555							
.600							
.650							
.751							
.785							
.790							
.795							
.815							
.834							
.850							
.857							
.865							
.870							
.875							
.878							
.880							
.882							
.883							
.885							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + 19 UPPER WING

(200111)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (3) = -4.040

Y/B ₄ Y/C ₄	.299	.364	.427	.534	.673	.790	.837
.808			-.1840				
.834	-.0820						
.850				-.1940	-.5790	-.5740	
.857			-.1270				
.865	-.1700						
.890	-.1160			-.1170			-.5340
.905			-.0930				
.950				-.1350	-.4750	-.5240	
.953			-.0670				
.965	-.0440						

MACH (4) = 1.249 BETAT (4) = -2.020

Y/B ₄ Y/C ₄	.299	.364	.427	.534	.673	.790	.837
.804							
.834	-.3640	-.3730	.1590	.5510	.5220	.5150	.2330
.850				-.4930	-.4930	-.4930	-.5170
.881			-.3970				
.936		-.2070					
.934	-.1530						
.959				-.3630	-.5930	-.5940	-.6120
.977			-.5330				
.229	-.2020						
.245		-.2860					
.250				-.6820	-.6340	-.6380	-.6730
.362	-.2060						
.400				-.6340	-.6870		-.6560
.402			-.4240				
.497	-.1930						
.550				-.5590	-.6870		
.565							
.610			-.4940				-.6740
.650						-.6550	
.724	-.3990						
.725				-.2710			
.750							
.760			-.2590				
.770				-.1940	-.5260		
.818							
.834	-.1940						
.850				-.1540	-.5570	-.5550	
.857			-.1720				
.865	-.1790						
.920	-.1400			-.1530			-.5920
.935							
.950			-.0910				
.953				-.1300	-.4930	-.5230	
.959			-.0450				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 OCA + S3 + T9 UPPER WING

(REMI11)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (4) = -2.020

Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.1170							

MACH (4) = 1.248 BETAT (5) = 2.080

Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4150	-.3850	.0220	.4800	.4540	.4490	.1930	
.050				-.5180	-.5050	-.5020	-.5090	
.081				-.3580				
.086	-.2060							
.094		-.2660			-.5460	-.5590	-.5920	-.6130
.150				-.3370				
.177		-.2020						
.229		-.2080			-.5330	-.6220	-.6510	-.6720
.246					-.4750	-.6620		-.6870
.250								
.362		-.1150						
.400				-.4110				
.402								
.497	-.1740				-.4900	-.6790		
.550				-.4410				-.6790
.600						-.6150		
.650	-.3230				-.3000		-.6410	-.6360
.700								
.725					-.2500	-.5170		
.750				-.2340				
.760				-.2320				
.775								
.808	-.1510				-.2010	-.4330	-.5820	
.834				-.2110				
.850								
.857								
.865	-.2190				-.1820			-.5710
.900	-.1870							
.908				-.1770				
.950				-.1470				
.953					-.1390	-.1860	-.4860	
.965	-.1740							

MACH (4) = 1.247 BETAT (6) = 4.130

Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4290	-.3900	-.1060	.4270	.4050	.4420	.1970	
.050				-.5250	-.5160	-.4980	-.5110	
.081				-.2750				
.086	-.1800							
.150								
.177		-.3610						

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 ORA + S3 + T9 UPPER WING

(RBMJ11)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (6) = 0.230

	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW								
	.808			-.2520				
	.834	-.1870						
	.850				-.2360	-.3060	-.2780	
	.857			-.2310				
	.865	-.2570						
	.910	-.2370			-.2340			-.5680
	.935			-.2060				
	.950				-.2120	-.1610	-.2010	
	.953			-.1950				
	.965	-.2170						

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMJ12) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XWRP = 28.5300 INCHES
 LREF = 59.8490 INCHES YWRP = .0000 INCHES
 BREF = 59.8490 INCHES ZWRP = .0000 INCHES
 SCALE = .0310 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUOFLR = .000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.170

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0930	-.2460	.4900	.6810	.6240	.5840	.5400
.050				.2650	.2780	.2860	.3050
.081			.2230				
.086		.0510					
.094	.0390						
.150				-.0460	-.1060	-.1110	
.177			.1020				
.229	.0010						
.246		1760					
.250				-.1660	-.2170	-.1920	-.2530
.362	.0630						
.400				-.3040	-.2790		-.3400
.402		-.2000					
.497	.0690						
.550				-.0170	-.1630		
.565		.0300					
.600							-.5070
.650					-.3110		
.700	.1210				-.2150		
.725				-.0840			
.750							
.760							
.775			-.0130				
.808				-.0690	-.1820		
.834	.0390		-.0250				
.850				.0450	-.0220	-.0160	
.857							
.865	.0000						
.910	.0920						
.915				.1660			.1260
.950							
.953				.1850	.1710	.1390	
.965	.1370		.1790				

MACH (1) = 1.110 BETAT (2) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1750	-.3000	.4140	.5890	.5280	.4680	.4210
.050				.2790	.2930	.3060	.3140
.081			.2410				
.086		.0050					
.094							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 021 + S3 + T9 UPPER WING

(RSMJ12)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (2) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177			.1210				
.229	-.0360						
.246		.1610					
.250							
.362	.0130						
.400							
.402			-.0670				
.497	.0780						
.550							
.565							
.600							
.650							
.700	.0640						
.725							
.750							
.760							
.775							
.808							
.834	-.0140						
.850							
.857							
.865	-.1020						
.900	-.0200						
.905							
.950							
.953							
.965	.0930						
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = 1.097 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

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ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM012)

SECTION (1) UPPER WING

MACH (1) = 1.099	BETAT (4) = 4.160	DEPENDENT VARIABLE CP				
		Y/BW	.299	.364	.427	.534
		X/CW				.673
		.808			-.2030	.780
		.834	-.1130			.887
		.850			-.1940	-.2590
		.857			-.1960	-.2720
		.865	-.2330			
		.910	-.1790			-.1960
		.905			-.1490	-.1710
		.950			-.0880	-.1270
		.953			-.0630	-.1310
		.965	-.0920			

MACH (1) = 1.105 BETAT (5) = 6.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4730	-.3940	.2840	.3600	.2110	.0640	-.0190
.050				.3330	.3060	.3070	.2820
.081			.3040				
.086	-.0120						
.094				.1840	.1340	.0680	.0610
.150			.2360				
.177							
.229	-.0270						
.246		.1650					
.250				.0570	.0200	.0430	-.0520
.362	.0630			-.0420	-.0630		-.2280
.400			.0490				
.402							
.497	.1780			-.1080	-.1890		
.550			-.0780				
.565							-.3990
.600						-.3320	
.650					-.3080		
.710	.0210			-.2900		-.3430	-.4160
.725							
.750			-.1980				
.760				-.2410	-.2910		
.775			-.2260				
.818							
.834	-.1400			-.2200	-.2630	-.2770	
.850							
.857			-.2230				
.865	-.2530			-.1830			-.2310
.900	-.1970						
.905			-.1760				
.950				-.1210	-.1400	-.1500	
.953							-.1120

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TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 C2A + S3 + T9 UPPER WING

(RBMV.2)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.105 BETAT (5) = 0.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	-.1310					

MACH (2) = 1.230 BETAT (1) = -0.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.0020	.2840	.6680	.6340	.6010	.6020
	.050			.2730	.3210	.3590	.3890
	.081		.1980				
	.086	.0580					
	.094						
	.150			-.0010	.0020	.0080	
	.177		.0340				
	.229	.0260					
	.246	-.0230					
	.250			-.1200	-.1260	-.0980	-.1370
	.362	-.0240		-.2390	-.2540		-.2460
	.400		-.2100				
	.402						
	.497	.0040		-.2750	-.3450		
	.550						
	.565		-.0450				
	.600						
	.650					-.4200	
	.700	.0520			-.1660		
	.725			.0250			
	.750					-.4270	-.4310
	.760		.0610				
	.775			.0340	-.0870		
	.808		.0530				
	.834	.0990					
	.850			.0600	-.0090	-.1050	
	.857		.0810				
	.865	.0460					
	.900	.0800		.0860			-.2880
	.905		.0910				
	.950			.1280	.1160	-.0110	
	.953		.1140				
	.965	.0730					

MACH (2) = 1.231 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
	.000	-.0780	.1420	.5420	.5210	.4900	.4920
	.050			.2780	.3160	.3360	.3530
	.081		.1860				
	.086	-.0010					
	.194	.0050					

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBMU12)

AMES 11-707 1A9 Q2A + S3 + T9 UPPER WING

SECTION (1) UPPER WING	DEPENDENT VARIABLE CP	Y/BW X/CW
MACH (2) = 1.246 BETAT (3) = .020	.299 .364 .427 .534 .673 .780 .887	
	.0200 -.0410	
		-.4050
		-.1400
		-.1010
	-.0460	-.1490 -.1940
	-.0320	
	-.0590	-.1010
	-.0430	
	-.0260	-.0880 -.0840
	-.0240	
	-.0190	
	-.0010	.0160 .0270
	.0300	
MACH (2) = 1.245 BETAT (4) = 4.130	.299 .364 .427 .534 .673 .780 .887	
	-.2570 -.2390 -.0110 .3950 .3460 .2690 .2490	
	.050 .081 .086 .094 .150 .177 .229	
	-.0760	.1610
	-.0480	.0360 .0390 -.0340 .0030
	-.0470	.0900
	.246 .250 .362 .400 .402 .497 .550	
	-.0840	-.0350 -.0560 -.0540 -.0960
	-.0570	-.1550 -.1470 -.1250
	-.0670	-.1080
	-.0670	-.0080 -.0580
	.565 .600 .650 .700 .725 .750 .760 .775	
	-.0030	
	.0490	-.1590
		-.1230
		-.1830
		-.1590 -.2420
		-.0720
		-.0980 -.1180
		-.2250
		-.1590

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2220

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM012)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.0810				
.834	-.0310						
.850				-.0750	-.0860	-.0920	
.857			-.0770				
.865	-.1190						
.900	-.0870			-.0690			-.0740
.905			-.0620				
.950				-.0130	-.0120	.0010	
.953			-.0090				
.965	-.0360						

MACH (2) = 1.247 BETAT (5) = 8.250

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.020	-.3870	-.2700	.1480	.4010	.2790	.1770	.1370
.050				.2680	.2510	.2360	.2680
.081			.2550				
.086		-.1050					
.094	-.0640						
.190				.0670	.0530	-.0210	.0910
.177			.1660				
.229	-.0990						
.246		-.0210					
.250				-.0090	-.0490	.0690	.0240
.362	-.0530			.0080	.0300		-.1010
.400			-.0230				
.402							
.497	.0380			-.0010	-.0560		
.550			.0090				
.565							-.2590
.600							
.650					-.1610		
.700	.0710			-.0990			
.725							
.750			-.0680			-.2010	-.2790
.760							
.775				-.1130	-.1520		
.808			-.1080				
.834	-.0340						
.850				-.1060	-.1420	-.1490	
.857			-.1050				
.865	-.1430						
.900	-.1040			-.0960			-.1590
.905			-.0990				
.950				-.0530	-.0620	-.0650	
.953			-.0500				

TABULATED PRESSURE DATA - 1A9A

DATE 21 SEP 73

(RBH012)

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP	
MACH (2) = 1.247	BETAT (5) = 0.250	Y/BW .299	.364
		X/CW .965	-.0740
			.534
			.673
			.783
			.887

6.1.1. C_{60} and C_{70} fullerenes: C_{60} and C_{70} fullerenes are the most common carbon-based nanomaterials. They are spherical molecules composed of carbon atoms arranged in a hexagonal and pentagonal lattice. C_{60} is a truncated icosahedron, while C_{70} is a prolate spheroid.

2025-01-01

[illegible]

.178	.259	.364	.427	.534	.573	.720	.867
.185				- .1130	- .1080	- .1650	- .1690
.177			.1770				
.203	-.1030						
.246	.1240						
.250				- .1080	- .2470	- .2170	- .2930
.362	-.1020						
.400				- .1340	- .2820		- .3660
.402			-.1790				

1821 - 1822

021-

- 445 -

1556

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100

1676 - 1677

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1

133, " (E.P.) -

1971

271 272 273

122

468° 645° 767° 422°

1000
1000
1000
1000

11/14	1224	445	200	200
11/18	1326	470	200	200

1679

261 - 261 - 261 - 261 -

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— 1320 — 4346 — 4191 — 2091

Introduction

06-07-08
09-10-11

172

10

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES .1-707 1A9 02A + S3 + T9 UPPER WING (RBM113)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (4) = 4.140

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.887
.808			-.2150				
.834	-.1290						
.850				-.2150	-.2820	-.2870	
.857			-.2100				
.865	-.2510						
.900	-.2030			-.2000			-.1995
.905			-.1810				
.950				-.1280	-.1540	-.1480	
.953			-.1140				
.965	-.1370						

MACH (1) = 1.102 BETAT (5) = 8.290

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.887
.000	-.5450	-.2150	.3180	.4320	.3000	.1990	.1870
.050				.2500	.1990	.2410	.2270
.081			.2420				
.086		.0110					
.094	-.1290						
.150				.1080	.0440	-.0340	-.0020
.177			.1750				
.229	-.0050						
.246		.1420					
.250				-.0100	-.0480	-.0040	-.1140
.362	.0370			-.0640	-.1100		-.2730
.400			-.0160				
.402							
.497	.1340			-.1340	-.2160		
.550			-.0990				
.565							
.600							
.650	.0080					-.3600	-.4330
.700				-.2650	-.3290		
.725							
.750			-.2120				
.760							
.775			-.2450				
.808							
.834	-.1560						
.850				-.2390	-.2920	-.2940	
.857			-.2420				
.865	-.2840						
.900	-.2340			-.2270			-.1800
.905			-.2130				
.950				-.1560	-.1810	-.1710	
.953			-.1580				

(SECRET)

ESS'RE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 UPPER WING

DEPENDENT VARIABLE CP

SECTION (1) DEFER WING

MACH (2) = 1.251 BETAT (2) = -4.560

.534	.673	.720	.887
-.0410	-.0290	-.5743	-.5673

--0110

- 386 -

-0.1550 -0.1380 -0.1620 -0.2110

3

UBC - 2281

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0887-4580

-4375

1998

0257 - 0307 -

-5070

-5135

[illegible]

SECRET

USEC
CSTZ-
GTH-

0356 0356 0356

6639.

.427	.534	.673	.780	.857
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0000 0000 0000 0000

2:75	.2280	.2350	.2450
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6971.

CCAG - CAG - CAG - CAG -

SECRET

-126 -1520 -1470 -1990

57767 - 23957 - 2003

5667-1955

وہی ہے جو ہم نے پہلے ہی میں دیکھا تھا۔ یہی ہے جو ہم نے پہلے ہی میں دیکھا تھا۔ یہی ہے جو ہم نے پہلے ہی میں دیکھا تھا۔

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2228

AMES 11-707 1A9 02A + S3 + T9 UPPER MING (RSM003)

SECTION (1) UPPER MING

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.897
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (2) = 1.245 BETAT (4) = 4.120

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.897
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

PAGE 2229

AVES 11-707 IAS OCA + S3 + T9 UPPER WING (RBMJ13)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120

Y/BW X/QW	.299	.364	.427	.534	.673	.780	.887
.808			-.1110				
.834	-.0490						
.850				-.0770	-.1100	-.1060	
.857			-.0890				
.865	-.1360						
.900	-.1080			-.0610			-.0350
.915			-.0760				
.950				-.0230	-.0310	-.0080	
.953			-.0340				
.955	-.0650						

MACH (2) = 1.247 BETAT (5) = 8.230

Y/BW X/QW	.299	.364	.427	.534	.673	.780	.887
.000	-.4200	-.2600	.2650	.4330	.3240	.2450	.2510
.050				.2180	.1790	.1940	.1770
.081			.2160				
.186		-.1120					
.194	-.0890						
.100				.0160	.0050	-.0840	-.0590
.177			.1200				
.229	-.0830						
.246		.0030					
.250				-.0480	-.1010	-.1040	-.1130
.362	-.0800			-.1450	-.0680		-.1720
.400			-.1130				
.402							
.497	.0520						
.550			-.0110				
.565				-.0200	-.0740		
.600							
.650	.0400						-.2690
.700				-.1700			
.725			-.1020				
.750							
.760							
.775			-.1030				
.808				-.1280	-.1580		
.834	-.0570						
.850			-.1160				
.857				-.1160	-.1490	-.1490	
.865	-.1640						
.900	-.1290						
.915				-.1140			-.1320
.950			-.1080				
.953				-.0780	-.0800	-.0710	
.955			-.0760				

DATE 21 SEP 75 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING (REMARKS)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (5) = 8.230 Y/BW .299 .364 .427 .534 .673 .785 .887
X/CW .965 -.1020

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 223:

AVES 11-757 IAS Q2A + S3 + T9 UPPER WING

(RBN014) (27 APR 75)

REFERENCE DATA

SRCP = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BRFP = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0310 SCALE

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.190

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1190	-.1000	.5510	.7600	.7120	.6930	.6500
.050			.0550	.0280	.0710	.0950	.1340
.081							
.186		.0300					
.094	-.0090						
.150							
.177			-.0720				
.229	-.0500						
.246		.1010					
.250							
.362	.0270						
.400							
.402			-.3570				
.497	-.0110						
.550							
.565			-.0280				
.600							
.680							
.710	.0560						
.725							
.730							
.780							
.775							
.808							
.834	.0090						
.850							
.857							
.865	-.0670						
.900	-.0350						
.905							
.950							
.953							
.965	.0430						

MACH (1) = 1.091 BETAT (2) = -4.080

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1020	-.1500	.4790	.6840	.6220	.5950	.5470
.050				.0110	.0740	.0790	.1030
.081							
.186							
.094							
.150							
.177							
.229							
.246							
.250							
.362	.0270						
.400							
.402			-.3570				
.497	-.0110						
.550							
.565			-.0280				
.600							
.680							
.710	.0560						
.725							
.730							
.780							
.775							
.808							
.834	.0090						
.850							
.857							
.865	-.0670						
.900	-.0350						
.905							
.950							
.953							
.965	.0430						

PARAMETRIC DATA

ALPHAT = -4.000 OFFPRC = .950
 RUDDER = -5.000 ELEVON = .000
 RUDFLR = .000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBN4014)

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (2) = -4.080

Y/BX X/CW	.299	.364	.427	.534	.673	.780	.887
.190							
.177							
.229	-.0610						
.246		.0910					
.250							
.362	-.0020						
.400							
.402							
.497	-.0350						
.550							
.565							
.600							
.650							
.700	.0330						
.725							
.750							
.760							
.775							
.803							
.834	-.0500						
.850							
.857							
.865	-.1260						
.900	-.0890						
.905							
.950							
.953							
.965	-.0560						
Y/BX X/CW	.299	.364	.427	.534	.673	.780	.887
.100	-.2930	-.1750	.4030	.5850	.5070	.4570	.4520
.150				.0680	.0640	.0700	.0330
.181							
.186		.0350					
.194	-.0490						
.190							
.177							
.229	-.0750		.0150				
.246		.0620					
.250							
.362	-.0030						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = 1.099 BETAT (3) = .020

Y/BX X/CW	.299	.364	.427	.534	.673	.780	.887
.100	-.2930	-.1750	.4030	.5850	.5070	.4570	.4520
.150				.0680	.0640	.0700	.0330
.181							
.186		.0350					
.194	-.0490						
.190							
.177							
.229	-.0750		.0150				
.246		.0620					
.250							
.362	-.0030						
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2233

SECTION (1) UPPER WING

MACH (1) = 1.099 BETAT (3) = .020

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700	.0180						
.725							
.750							
.760							
.775							
.808							
.834	-.0970						
.850							
.857							
.865	-.1930						
.900	-.1340						
.905							
.950							
.953							
.955	-.0910						

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.4390	-.2040	.3260	.5130	.4310	.3920	.3520
.081			.1470	.1510	.1630	.1590	.1580
.086		.0650					
.094	-.1010						
.150							
.177							
.229	-.0730		.0930				
.246		.0990					
.250							
.362	.0180						
.400							
.402							
.497	.0750						
.550							
.565							
.600							
.650							
.700	-.0550						
.725							
.750							
.775							

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700	.0180						
.725							
.750							
.760							
.775							
.808							
.834	-.0970						
.850							
.857							
.865	-.1930						
.900	-.1340						
.905							
.950							
.953							
.955	-.0910						

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700	.0180						
.725							
.750							
.760							
.775							
.808							
.834	-.0970						
.850							
.857							
.865	-.1930						
.900	-.1340						
.905							
.950							
.953							
.955	-.0910						

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700	.0180						
.725							
.750							
.760							
.775							

MACH (1) = 1.103 BETAT (4) = 4.130

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2234

AVES 11-707 1A9 CCA + S3 + T9 UPPER MINE

(REMARK)

SECTION (1) UPPER MINE

DEPENDENT VARIABLE CP

MACH (1) = 1.103 BETAT (4) = 4.130

Y/BM X/CW	.299	.364	.427	.534	.673	.780	.887
.308			-.2200				
.834	-.1470						
.850				-.2260	-.2920	-.2980	
.857			-.2250				
.865	-.2570			-.2160			-.1170
.900	-.2270						
.905			-.1990		-.1580	-.1230	
.950			-.1500				
.953							
.965	-.1730						

MACH (1) = 1.099 BETAT (5) = 8.260

Y/BM X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.5950	-.1290	.3200	.4790	.3700	.3060	.2500
.081			.1740	.1720	.1750	.1470	.1290
.086		.0890					
.094	-.1360						
.150							
.177			.1140				
.229	-.0100						
.246		.1280					
.250				-.0610	-.1190	-.1120	-.1970
.362	.0590			-.1190	-.1600		-.3190
.400			-.0700				
.402							
.497	.1020						
.550				-.1580	-.2450		
.565			-.1170				
.600							
.650							
.700	-.0280				-.3460	-.3920	-.4560
.725				-.2740			
.750							
.760			-.2320			-.3820	-.4170
.775				-.2830	-.3280		
.808			-.2610				
.834	-.1780						
.850			-.2600		-.2580	-.3040	
.857							
.865	-.3020						
.900	-.2620			-.2480			-.1230
.905			-.2110				
.950				-.1960	-.1950	-.1550	
.953			-.1950				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBMJ14)

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099	BETAT (5) = 8.260	Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
		.965	-.2090							
MACH (2) = 1.246	BETAT (1) = -8.140	Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
		.500	.0000	.0000	.0000	.3600	.7700	.7360	.7350	.6950
		.050				.0950	.0980	.1720	.1850	.2290
		.081		.0070						
		.086								
		.094		.0290						
		.150								
		.177								
		.229	-.0320							
		.246		-.0970						
		.250								
		.362	-.0940							
		.400								
		.402								
		.497	-.0750							
		.550								
		.565								
		.600								
		.680								
		.700	-.0920							
		.725								
		.750								
		.760								
		.775								
		.808								
		.894	.0430							
		.850								
		.857								
		.865	.0000							
		.900	.0290							
		.905								
		.950								
		.953								
		.965	.0240							
MACH (2) = 1.244	BETAT (2) = -4.060	Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
		.000								
		.030								
		.030								
		.081								
		.086								
		.094								
		.150								
		.177								
		.229								
		.246								
		.250								
		.362								
		.400								
		.402								
		.497								
		.550								
		.565								
		.600								
		.680								
		.700								
		.725								
		.750								
		.760								
		.775								
		.808								
		.894								
		.850								
		.857								
		.865								
		.900								
		.905								
		.950								
		.953								
		.965								

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER MINE

(RBMU14)

SECTION (1) UPPER MINE

DEPENDENT VARIABLE CP

MAON (2) = 1.244 BETAT (2) = -4.060

Y/BA X/CA	.299	.364	.427	.534	.673	.780	.887
.90							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.690							
.700							
.725							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MAON (2) = 1.247 BETAT (3) = .020

Y/BA X/CA	.299	.364	.427	.534	.673	.780	.887
.500							
.500							
.581							
.586							
.584							
.590							
.577							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-7:7 IAG QCA + S3 + T9 UPPER WING

(BENC24)

SECTION (1) UPPER WING

MACH (2) = 1.247 BETAT (3) = .020

PERCENT VARIABLE CP

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.775							
.808							
.834							
.857							
.885							
.900							
.925							
.950							
.953							
.965							

MACH (2) = 1.245 BETAT (4) = 4.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.775							
.808							
.834							
.857							
.885							
.900							
.925							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMV24)

SECTION (2) UPPER WING

DEPENDENT VARIABLE CP

$$\text{MACR} (2) = 1.245 \text{ BETAT} (4) = 4.110$$

MD/K
MS/Y
662.

[illegible]
$$\text{MACH} (2) = 1.250 \text{ BETAT} (5) = 8.210$$

Y/B/A
X/C/W
200.

[illegible]

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2241

AXES 11-707 1A9 C8A + S3 + T9 UPPER WING

(RSMJ15)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (2) = -4.080

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.452							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.800							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = 1.103 BETAT (3) = .000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.092							
.095							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.452							
.497							

TABULATED PRESSURE DATA - IA9A

TABULATED PRESSURE DATA - IASA

(S M T S)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.153 BETAT (3) = .530

Y/BW	.299	.364	.427	.534	.613	.763
X/CL						
.550						
.565						
.600						
.650						
.700						
.725						
.750						
.760						
.775						
.809						
.834						
.850						
.857						
.865						
.900						
.905						
.950						
.953						
.965						

$$\text{MACH} (1) = 1.097 \quad \text{BETAT} (4) = 4.140$$

1/BA	.299	.364	.427	.534	.673	.780	.687
XC1	-.4780	-.1710	.3240	.5460	.4690	.4680	.4570
.050				.0750	-.0140	.0280	.0450
.050			.0670				
.051		.0670					
.056	-.1110			-.1320	-.1720	-.2370	-.2820
.054							
.150			.0950				
.177	-.0670						
.229		.0670					
.245				-.1760	-.2480	-.2490	-.3620
.250							
.352	.0040			-.1990	-.2320		-.3960
.400			-.0600				
.402							
.497	.0340						
.550			-.1120	-.1610	-.2670		-.4760
.565							
.600						-.4120	
.650					-.3950		
.700	-.0260			-.2590			-.3960
.725							
.750						-.3790	
.760			-.2050				
.775				-.2650	-.3950		

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 Q2A + S3 + T9 UPPER WING

(RSN-115)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.097	BETAT (4) = 4.145	Y/BW	.299	.364	.427	.534	.673	.783	.887
		X/CW							
		.808			-.2290				
		.834	-.1620						
		.850				-.2310	-.2950	-.2750	
		.857			-.2290				
		.865	-.2720			-.2240			-.5930
		.900	-.2250						
		.905			-.2090				
		.950				-.1670	-.1490	-.1680	
		.953			-.1620				
		.965	-.1840						

MACH (1) = 1.100 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.783	.887
X/CW							
.920	-.6150	-.1170	.2720	.4910	.3980	.3780	.3670
.950				.0795	.0180	.0680	.0540
.981			.1220				
.986		.0870					
.994	-.1500			-.1050	-.0820	-.2120	-.2140
.150			.0540				
.177							
.229	.0550						
.246		.1070					
.250				-.0840	-.1660	-.1830	-.2840
.362	.5610			-.1450	-.2070		-.3540
.400							
.402			-.0700				
.437	.0520			-.1170	-.2690		
.550			-.1360				-.4620
.565							
.500							
.650							
.700	-.0440			-.2780	-.3530		-.4020
.725							
.750			-.2400				
.760				-.2680	-.3330		
.775			-.2680				
.808							
.824	-.1920			-.2660	-.3110	-.2950	
.850			-.2730				
.857							
.865	-.3120			-.2600			-.5910
.900	-.2720		-.2570				
.905				-.2080	-.1940	-.1310	
.950			-.2090				
.953							

DATE 21 SEP 73

INSULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 OSA + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 8.250

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.2370						

MACH (2) = 1.245 BETAT (1) = -8.150

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	.0060	.0040	.4000	.8220	.7650	.7630	.7190
.050			.0490	-.0050	.0260	.0680	.1350
.081							
.086							
.094							
.150							
.177							
.229	-.0520		-.1610				
.246							
.250							
.362	-.1030						
.400							
.402							
.497	-.0860						
.550							
.565							
.600							
.650							
.700	-.2040						
.725							
.750							
.760							
.775							
.838							
.834	.0270						
.850							
.857							
.865	-.0150						
.900	.0160						
.905							
.950							
.953							
.965	.0160						

MACH (2) = 1.249 BETAT (2) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0850	-.064E	.3070	.7230	.6740	.6770	.6390
.050							
.081							
.086							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.838							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AXES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

MACH (2) = 1.249 BETAT (2) = -4.070

DEPENDENT VARIABLE C_p

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.0930		-.1450				
.246		-.1310					
.250							
.362	-.1260						
.400							
.402							
.497	-.1130		-.3060				
.550							
.565							
.600							
.650							
.700	-.1050						
.725							
.750							
.760							
.775							
.808							
.834	-.3170						
.850							
.857							
.865	-.0660						
.900	-.0360						
.905							
.950							
.953							
.955	-.0540						

MACH (2) = 1.247 BETAT (3) = .0720

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.2240						
.246		-.1230					
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 UPPER MINE (RSMU15)

SECTION (1) UPPER MINE DEPENDENT VARIABLE CP

MACH (2) = 1.247	BETAT (3) = .020	Y/BW	.299	.364	.427	.534	.673	.783	.897
		X/CW							
		.553			-.1520	-.3160	-.4230		
		.563						-.5530	-.5330
		.603						-.2240	
		.650							
		.700	-.0710			-.0800		-.4940	-.5140
		.725							
		.750							
		.763			-.0790	-.0960	-.1800		
		.775			-.1020				
		.808							
		.834	-.0980			-.0850	-.1180	-.2810	
		.850							
		.857			-.0670				
		.865	-.1190			-.0670			-.3330
		.900	-.0900			-.0640			
		.905				-.0340	-.0030	-.1660	
		.950							
		.953			-.0450				
		.965	-.0760						

MACH (2) = 1.247	BETAT (4) = 4.110	Y/BW	.299	.364	.427	.534	.673	.783	.897
		X/CW							
		.000	-.3680	-.1460	.2640	.5450	.4660	.4850	.6970
		.050				-.0780	.0190	.0290	.5880
		.081		-.0880	.0890				
		.086							
		.094	-.1260						
		.150				-.1280	-.1620	-.2190	-.2150
		.177			-.0650				
		.229	-.1020						
		.246		-.0820					
		.250				-.2020	-.2560	-.2830	-.3330
		.362	-.1160						
		.400				-.3070	-.3290		-.3750
		.472			-.2580				
		.497	-.0510						
		.550				-.1250	-.3990		
		.565			-.0920				
		.600						-.4950	
		.650						-.2710	
		.700	-.0480				-.1490		
		.725				-.1090		-.2310	-.2460
		.750							
		.760			-.1160				
		.775				-.1190	-.2330		

SECTION (1) UPPER WING

AMES 11-707 1A9 CEA + S3 + 79 UPPER WING

(Solved)

$$\text{MACH} (2) = 1.247 \quad \text{BETA} (4) = 4.115$$

DEPENDENT VARIABLE CP

Y12W	.299	.364	.427	.534	.673	.765	.857
X1C4			-.1410				
.808							
.834	-.0680						
.850				-.1030	-.1290	-.0965	
.857			-.1010				
.865	-.1680						
.910	-.1390			-.0670			-.0525
.905			-.0900				
.950				-.0595	-.0460	.0460	
.953			-.0650				
.965	-.1170						

$$\text{MACH (2)} = 1.246 \text{ BETAT (5)} = 8.207$$

Y/BM	.299	.364	.427	.534	.673	.785	.897
X/CN							
.070	-.4540	-.1870	.2190	.4980	.4070	.3990	.3850
.050				.0900	.0250	.0210	.0280
.081			.0840				
.086		-.0100					
.094	-.1330						
.150			.0000	-.0950	-.1350	-.2110	-.2310
.177	-.0940						
.246		.0010					
.250				-.1550	-.2290	-.2830	-.3210
.352	-.0190						
.400				-.2770	-.3050		-.3780
.412			-.2220				
.497	-.0150						
.550				-.0600	-.1330		
.565			-.0620				-.4760
.610							
.650					-.2350		
.710	-.0210			-.1290			
.725							
.750			-.1270			-.2370	-.2450
.775				-.1150	-.1880		
.818			-.1600				
.834	-.0970						
.850				-.1490	-.1720	-.1650	
.897			-.1420				
.865	-.1870						
-.1560				-.1450			.0035
.915			-.1430				
.950				-.1170	-.1130	-.1450	
.953			-.1220				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(294155)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 0.200

Y/BW
X/CW

.299	.364	.427	.534	.673	.785	.887
.963	-.1540					

AVES 11-707 1A9 C2A + S3 + T9 UPPER WING

(RECEIVED) (27 APR 73)

REFERENCE DATA

SREF =	2.4221 SQ.FT.	YREF =	28.5300 INCHES
UREF =	39.8490 INCHES	YREF =	.0000 INCHES
BREF =	39.8490 INCHES	ZREF =	.0000 INCHES
SCALE =	.0000 SCALE		

FEATURES DATA

ALPHAT =	.700	OFBINC =	.500
RUDPR =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (UPPER WING	DEPENDENT VARIABLE CP
1	0.000
2	0.000
3	0.000
4	0.000
5	0.000
6	0.000
7	0.000
8	0.000
9	0.000
10	0.000
11	0.000
12	0.000
13	0.000
14	0.000
15	0.000
16	0.000
17	0.000
18	0.000
19	0.000
20	0.000
21	0.000
22	0.000
23	0.000
24	0.000
25	0.000
26	0.000
27	0.000
28	0.000
29	0.000
30	0.000
31	0.000
32	0.000
33	0.000
34	0.000
35	0.000
36	0.000
37	0.000
38	0.000
39	0.000
40	0.000
41	0.000
42	0.000
43	0.000
44	0.000
45	0.000
46	0.000
47	0.000
48	0.000
49	0.000
50	0.000
51	0.000
52	0.000
53	0.000
54	0.000
55	0.000
56	0.000
57	0.000
58	0.000
59	0.000
60	0.000
61	0.000
62	0.000
63	0.000
64	0.000
65	0.000
66	0.000
67	0.000
68	0.000
69	0.000
70	0.000
71	0.000
72	0.000
73	0.000
74	0.000
75	0.000
76	0.000
77	0.000
78	0.000
79	0.000
80	0.000
81	0.000
82	0.000
83	0.000
84	0.000
85	0.000
86	0.000
87	0.000
88	0.000
89	0.000
90	0.000
91	0.000
92	0.000
93	0.000
94	0.000
95	0.000
96	0.000
97	0.000
98	0.000
99	0.000
100	0.000

MACH (1) = 1.102 SETAT (1) = -8.215

Y/D4	.299	.364	.427	.534	.673	.780	.887
X/D4	-.1020	-.0395	.5290	.7620	.6890	.7050	.6120
.050				-.2630	-.2510	-.2360	-.1490
.081			-.1110				
.086		-.0170					
.094	-.0440						
.150			-.2760	-.3710	-.3820	-.3880	-.4310
.177	-.0940						
.229	-.0700						
.245				-.4350	-.5260	-.5350	-.5770
.250	-.0270			-.5310	-.6350		-.6390
.362			-.4540				
.412				-.4250	-.6870		
.497	-.1230		-.1330				
.595							
.565						-.7780	-.7550
.650					-.4100		
.720	-.0080			-.1140			
.725							
.750			-.0590			-.4510	-.6910
.760				-.1130	-.2720		
.775			-.0860				
.809							
.834	-.0080			-.0550	-.0220	-.2680	
.850			-.0650				
.857							
.865	-.0780			.0240			-.3820
.900	-.0390						
.905			-.0200	.0560	.1520	-.1470	
.950			.0450				
.953							
.965	-.0120						
Y/D4	.299	.364	.427	.534	.673	.780	.887
X/D4	-.1020	-.0395	.5290	.7620	.6890	.7050	.6120
.050				-.2630	-.2510	-.2360	-.1490
.081			-.1110				
.086		-.0170					
.094	-.0440						
.150			-.2760	-.3710	-.3820	-.3880	-.4310
.177	-.0940						
.229	-.0700						
.245				-.4350	-.5260	-.5350	-.5770
.250	-.0270			-.5310	-.6350		-.6390
.362			-.4540				
.412				-.4250	-.6870		
.497	-.1230		-.1330				
.595							
.565						-.7780	-.7550
.650					-.4100		
.720	-.0080			-.1140			
.725							
.750			-.0590			-.4510	-.6910
.760				-.1130	-.2720		
.775			-.0860				
.809							
.834	-.0080			-.0550	-.0220	-.2680	
.850			-.0650				
.857							
.865	-.0780			.0240			-.3820
.900	-.0390						
.905			-.0200	.0560	.1520	-.1470	
.950			.0450				
.953							
.965	-.0120						
Y/D4	.299	.364	.427	.534	.673	.780	.887
X/D4	-.1020	-.0395	.5290	.7620	.6890	.7050	.6120
.050				-.2630	-.2510	-.2360	-.1490
.081			-.1110				
.086		-.0170					
.094	-.0440						
.150			-.2760	-.3710	-.3820	-.3880	-.4310
.177	-.0940						
.229	-.0700						
.245				-.4350	-.5260	-.5350	-.5770
.250	-.0270			-.5310	-.6350		-.6390
.362			-.4540				
.412							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2253

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REBUILT)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	-.2540					

MACH (2) = 1.247 BETAT (1) = -8.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	.0010	.4500	.8250	.7580	.7600	.6890
	.050			-.0850	-.0600	-.0660	.0190
	.081		.0080				
	.086	-.0090					
	.094						
	.150						
	.177		-.2150	-.2490	-.2350	-.2320	-.2600
	.229	-.0590					
	.246	-.1490					
	.250			-.3650	-.3720	-.3840	-.3980
	.362	-.1180		-.4370	-.4890		-.4680
	.400		-.3520				
	.402						
	.497	-.1000		-.4560	-.5770		
	.550		-.3840				-.5850
	.565						
	.600						
	.650			-.2000			
	.700	-.2900			-.6090		
	.725						
	.750			-.0860			
	.780			-.0800	-.5120		
	.775		-.0530				
	.808						
	.834	.0100					
	.850			-.0250	-.3250	-.5640	
	.857		.0020				
	.865	-.0380					
	.900	.0050		.0010			-.4760
	.905		.0280				
	.950			.0130	-.1550	-.2290	
	.953		.0530				
	.965	.0080					

MACH (2) = 1.249 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.1030	-.0680	.3410	.7430	.6810	.6150
	.050				-.1930	-.0470	-.0520
	.081						.0130
	.086		-.0050				
	.094	-.0670					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2234

AXES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM126)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.403							
.422							
.497							
.550							
.565							
.603							
.657							
.700							
.725							
.750							
.760							
.775							
.813							
.834							
.850							
.857							
.865							
.920							
.905							
.950							
.953							
.965							

MACH (2) = 1.247 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.403							
.422							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2257

AVES 11-757 1A9 02A + S3 + T9 UPPER WING

(PBMJIS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (5) = 8.250

Y/BW

.299

.364

.427

.534

.673

.780

.887

X/CW

.965

-.1780

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2253

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMU17) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORSINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUFLUR = .000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.200

Y/B ₁ X/C ₁	.299	.364	.427	.534	.673	.780	.887
.000	-.1110	-.0330	.4890	.7260	.6470	.6510	.4930
.050				-.3510	-.4400	-.4190	-.3250
.081			-.1800				
.086		-.0460					
.094	-.0480						
.150				-.5150	-.5070	-.5470	-.5690
.177			-.3820				
.229	-.1150						
.246		-.1530					
.293				-.5700	-.6310	-.6480	-.6830
.362	-.0490			-.5940	-.7330		-.7160
.400			-.5040				
.432							
.497	-.1580		-.2540	-.6130	-.7870		
.555							
.565							
.600							
.650						-.7980	
.700	-.1260			-.1880	-.5040		
.725							
.750			-.0850			-.5570	-.5800
.760				-.1500	-.4200		
.775			-.0960				
.808							
.834	-.0240						
.850			-.0950	-.0580	-.2310	-.4180	
.857							
.865	-.1110						
.900	-.0630		.0010	.0030			-.4220
.905							
.950			.0520	.0570	.1330	-.3420	
.953							
.965	-.0090						

MACH (1) = 1.098 BETAT (2) = -4.090

Y/B ₁ X/C ₁	.299	.364	.427	.534	.673	.780	.887
.000	-.2300	-.1210	.4190	.6660	.5890	.5980	.4480
.050				-.3300	-.3420	-.3410	-.3280
.091			-.1390				
.086		-.0720					
.094							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2259

AXES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARK 17)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.598 SETAT (2) = -4.090

Y/BX X/CW	.299	.364	.427	.534	.673	.780	.887
.190							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.920							
.953							
.950							

MACH (1) = 1.102 SETAT (3) = .020

Y/BX X/CW	.299	.364	.427	.534	.673	.780	.887
.190							
.150							
.150							
.181							
.185							
.194							
.150							
.177							
.229							
.246							
.250							
.352							
.400							
.402							
.497							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 UPPER WING (REMARK 17)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.808							
.834	-.2000		-.2580				
.850							
.857			-.2480		-.2820	-.2140	
.865	-.2900						
.900	-.2560		-.2420				-.5530
.905			-.2370				
.950			-.1750		-.1690	-.1000	-.5920
.953							
.965	-.2020						

MACH (1) = 1.099 BETAT (5) = 8.250

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.6220	-.1430	.1210	.4180	.3630	.3910	.2850
.050				-.3320	-.2090	-.2420	-.2570
.081			-.0470				
.086	-.5050						
.094	-.1830						
.150			-.1120		-.2780	-.3410	-.4410
.177							
.229	.0040						
.246		.0790					
.250				-.2700	-.3980	-.4490	-.5630
.362	-.0760			-.2210	-.2820		-.5070
.400			-.1860				
.402							
.497	-.0590						
.550			-.1960		-.2110	-.2990	
.565							
.600						-.4280	-.4590
.650	-.0930			-.2680	-.3590		
.725						-.3920	-.3930
.750			-.2530				
.760				-.2830	-.3350		
.775			-.2730				
.808							
.834	-.2250			-.2770	-.3530	-.2610	
.850			-.2740				
.857							
.865	-.3020			-.2730			-.1240
.900	-.2720		-.2520				
.905				-.2060	-.1570	-.0920	
.950			-.2160				
.953							

AMES 11-707 1A9 02A + S3 + T9 UPPER MINE

(REMARKS)

SECTION (1) UPPER MINE

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	-.2540					

MACH (2) = 1.244 BETAT (1) = -8.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	-.0490	-.0090	.5160	.8100	.7270	.7970	.6110
	.050			-.1720	-.1880	-.1970	-.1350
	.081		-.5630				
	.086	-.0340					
	.094	-.0120					
	.150			-.3550	-.3340	-.3570	-.3700
	.177		-.3210				
	.229	-.0740					
	.246	-.1690					
	.250			-.4580	-.4530	-.4620	-.4650
	.362	-.1370		-.3120	-.5610		-.5300
	.400		-.3980				
	.402						
	.497	-.1390		-.5330	-.6470		
	.550		-.4300				
	.565						
	.650						
	.680						
	.700	-.3380			-.6760	-.6810	-.6290
	.725			-.2720			
	.750					-.6370	-.6170
	.760		-.1610				
	.775		-.1220	-.1740	-.5530		
	.808						
	.834	-.0200		-.0890	-.4000	-.5310	
	.850						
	.857		-.0610				
	.865	-.0660		-.0410			-.5480
	.900	-.0260					
	.905		-.0060				
	.950			-.0180	-.2940	-.3190	
	.953		.0370				
	.965	-.0190					

MACH (2) = 1.251 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	-.1320	-.1220	.3650	.7420	.6580	.6660	.5590
	.050			-.1670	-.1620	-.1790	-.1480
	.081		-.5750				
	.086						
	.094	-.0900					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-7J7 1A9 02A + S3 + T9 UPPER WING

(2) **THE**

SECTION C UPPER WING

DEPENDENT VARIABLE CP

$$\text{MACH} (2) = 1.248 \quad \text{BETAT} (3) = .500$$

.550	-.3480	-.0425	.0000
.565			-.6240
.600			-.6280
.650			
.700	-.1980		
.725		-.1510	-.5360
.750			-.6270
.760	-.1270	-.1480	-.3680
.775	-.1360		
.805			
.804	-.1090	-.1330	-.6050
.850		-.1070	
.857			
.865	-.1600	-.1160	
.900	-.1200		
.904		-.0680	-.2210
.950		-.0830	
.953			
.965	-.1140		

$$\text{MACH (2)} = 1.264 \quad \text{BETAT (4)} = 4.100$$

Y/P ₂	.299	.364	.427	.534	.673	.763	.867
X/P ₁	-.4220	-.2420	.2560	.5550	.4820	.4850	.4550
.503				-.2060	-.2160	-.2350	-.1610
.050			-.0760				
.081							
.586		-.1230					
.964	-.2210			-.2780	-.3570	-.3480	-.3530
.151							
.177			-.1980				
.229	-.1240						
.246		-.1090					
.250				-.3280	-.4730	-.4320	-.4680
.362	-.1310			-.3880	-.4510		-.5130
.400			-.3310				
.472							
.497	-.0970						
.550				-.3960	-.4790		
.555			-.2360				-.6070
.600						-.5680	
.651					-.3270		
.700	-.1540			-.1390			-.5510
.725							
.750			-.1380				
.760				-.1240	-.2320		
.775							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-757 1A9 02A + 53 + T9 UPPER WING

(RESIDU)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (4) = 4.100

Y/B ₄ X/C ₄	.299	.364	.427	.534	.673	.780	.887
.808							
.834	-.1350						
.850							
.857							
.865	-.2030						
.900	-.1740						
.905							
.950							
.953							
.965	-.1420						

MACH (2) = 1.245 BETAT (5) = 8.200

Y/B ₄ X/C ₄	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.4570	-.2230	.1210	.4730	.4030	.4140	.3050
.081				-.2330	-.2350	-.2520	-.2050
.086							
.084	-.2620						
.150							
.177							
.229	-.0750						
.246							
.250							
.362	-.0190						
.400							
.402							
.497	-.0690						
.550							
.565							
.600							
.650							
.750	-.0940						
.725							
.750							
.760							
.775							
.809							
.834	-.1360						
.850							
.857							
.865	-.2140						
.900	-.1930						
.905							
.950							
.953							

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

(200017)

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MAOH (2) = 1.245 BETAT (5) = 8.1523

Y/BW
X/BL

.299
.965

.887

.780

.673

.534

.427

.364

.299

.965

-.1860

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMJ18)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (2) = -4.080

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.690							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = 1.098 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.020							
.090							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM/110)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565			-.2940	-.4540	-.7070		
.600							
.650					-.4390	-.7430	-.7170
.700	-.2150			-.2340			
.725							
.750							
.760			-.1980			-.4340	-.6660
.775			-.2120	-.2440	-.2950		
.808							
.834	-.1530						
.850							
.857			-.2000	-.1970	-.0990	-.2960	
.865	-.2270						
.900	-.1860			-.1270			-.6300
.905							
.950			-.1770				
.953				-.0950	.0430	-.2100	
.965	-.1670		-.1150				

$$\text{MACH} (1) = 1.100 \text{ BETAT} (4) = 4.130$$

Y/BW	.259	.364	.427	.534	.673	.780	.887
X/CW	-.5920	-.2370	.1620	.6440	.4200	.4150	.2350
.090				-.3970	-.4190	-.5040	-.4660
.081			-.1960				
.086		-.0160					
.094	-.2650						
.150				-.3690	-.4460	-.4950	-.6220
.177			-.2340				
.229	-.0450						
.246		-.0860					
.250				-.4110	-.5310	-.5960	-.6710
.362	-.0690						
.400				-.4560	-.5810		-.7080
.402			-.3320				
.497	-.1430						
.550				-.2340	-.3650		
.565			-.1930				
.600							
.650						-.4350	-.7790
.700	-.1100				-.3690		
.725				-.2700			
.750						-.3650	-.5410
.760			-.2390				
.775				-.2790	-.3340		

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2273

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(P294.28)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.155 BETAT (4) = 4.135

Y/B _W X/C _W	.299	.364	.427	.534	.673	.785	.887
.808							
.834	-.2100						
.857							
.857							
.865	-.2960						
.900	-.2630						
.905							
.950							
.953							
.965	-.2100						

MACH (1) = 1.099 BETAT (5) = 8.260

Y/B _W X/C _W	.299	.364	.427	.534	.673	.785	.887
.500	-.6310	-.1860	.0370	.3410	.2450	.2650	.1260
.520				-.4040	-.3735	-.4280	-.5555
.531							
.536							
.594	-.3080						
.595							
.577	.0000						
.246							
.250							
.362	.0000						
.400							
.402							
.497	-.1110						
.550							
.555							
.600							
.650							
.700	-.1160						
.725							
.750							
.760							
.775							
.803							
.834	-.2290						
.850							
.857							
.865	-.2940						
.900	-.2770						
.905							
.950							
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

(PBM018)

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (2) UPPER WING

DEPENDENT VARIABLE CP

WACH (1) = 1.099 BETAT (5) = 8.260

Y/B4
X/CW

.299 .364 .427 .534 .673 .780 .887

.965 -.2670

WACH (2) = 1.244 BETAT (1) = -8.140

Y/B4
X/CW

.299 .364 .427 .534 .673 .780 .887

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

WACH (2) = 1.244 BETAT (2) = -4.060

Y/B4
X/CW

.299 .364 .427 .534 .673 .780 .887

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

.965 -.2670

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AMES 11-757 1A9 02A + S3 + T9 UPPER WING

SECTION 1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (3) = 0.0

Y/BW 1/CW	.299	.364	.427	.534	.673	.760	.897
.550							
.555							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.874							
.890							
.897							
.895							
.900							
.953							
.965							
.299	.364	.427	.534	.673	.760	.897	
-.4320	-.3140	.1590	.5070	.4510	.4710	.3680	
.050							
.055							
.081							
.126							
.134							
.150							
.177							
.209							
.245							
.255							
.352							
.400							
.402							
.497							
.550							
.555							
.550							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (2) = 1.249 BETAT (4) = 4.120

Y/BW 1/CW	.299	.364	.427	.534	.673	.760	.897
.299	.364	.427	.534	.673	.760	.897	
-.4320	-.3140	.1590	.5070	.4510	.4710	.3680	
.050							
.055							
.081							
.126							
.134							
.150							
.177							
.209							
.245							
.255							
.352							
.400							
.402							
.497							
.550							
.555							
.550							
.650							
.700							
.725							
.750							
.760							
.775							

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM118)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = 1.249 BETAT (4) = 4.120

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.1540				
.834	-.1420			-.1390	-.1980	-.3310	
.850			-.1330				
.857							
.865	-.2100			-.1340			-.5380
.890	-.1640		-.1270				
.905				-.1000	-.0800	-.1630	
.950			-.1110				
.953							
.965	-.1280						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4690	-.2290	.0590	.4070	.3230	.3720	.2520
.050			-.0850	-.2890	-.3020	-.3760	-.3550
.081		-.1120					
.096							
.094	-.3730		-.1680	-.2860	-.3590	-.4410	-.4930
.150							
.177	-.0120						
.229		-.0700					
.246				-.3280	-.4190	-.4960	-.5550
.250				-.3990	-.4640		-.5750
.362	-.0280		-.3380				
.420				-.2870	-.5110		
.422	-.1030		-.2230				-.6300
.497						-.5870	
.550				-.1870	-.3140		
.565							
.600							
.650	-.1420						
.700							
.725							
.750			-.1810				
.760				-.1950	-.2630		
.775			-.2100				
.808							
.834	-.1490			-.1930	-.2110	-.2710	
.850			-.1990				
.857							
.865	-.2180			-.1840			-.3650
.890	-.2180		-.1870				
.905				-.1670	-.1300	-.1350	
.950			-.1660				
.953							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING (FBW018)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (5) = 8.210 Y/BW .299 .364 .427 .534 .673 .785 .887
X/CW .965 -.2030

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(RENU019) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 6.0000 ORBITAL = .500
 RUDDER = -5.0000 ELEVON = .000
 RUDDFLR = .000

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (1) = -8.180	Y/BW	X/BW	CP
		.000	.299	.364
		.050	-.1820	.3430
		.100		.6340
		.150		.5290
		.200		-.5220
		.250		-.6410
		.300		-.6250
		.350		-.4250
		.400		-.1060
		.450		-.0990
		.500		-.094
		.550		.150
		.600		.177
		.650		.229
		.700		.1120
		.750		-.2970
		.800		-.246
		.850		.250
		.900		.362
		.950		.400
		1.000		.402
		1.050		.497
		1.100		.550
		1.150		.565
		1.200		.600
		1.250		.700
		1.300		.725
		1.350		.750
		1.400		.760
		1.450		.775
		1.500		.808
		1.550		.834
		1.600		.850
		1.650		.857
		1.700		.865
		1.750		.850
		1.800		.815
		1.850		.950
		1.900		.953
		1.950		.965
		2.000		.1180
		2.050		.299
		2.100		.364
		2.150		.427
		2.200		.534
		2.250		.673
		2.300		.780
		2.350		.897
		2.400		.000
		2.450		-.3460
		2.500		.2700
		2.550		.5750
		2.600		.4980
		2.650		.4750
		2.700		.240
		2.750		-.6110
		2.800		-.6460
		2.850		-.6310
		2.900		-.3580
		2.950		-.1650
		3.000		-.1750

SECTION (1) = 1.098 BETAT (2) = -4.080

MACH (1) = 1.098	BETAT (2) = -4.080	Y/BW	X/BW	CP
		.000	.299	.364
		.050	-.1820	.3430
		.100		.6340
		.150		.5290
		.200		-.5220
		.250		-.6410
		.300		-.6250
		.350		-.4250
		.400		-.1060
		.450		-.0990
		.500		-.094
		.550		.150
		.600		.177
		.650		.229
		.700		.1120
		.750		-.2970
		.800		-.246
		.850		.250
		.900		.362
		.950		.400
		1.000		.402
		1.050		.497
		1.100		.550
		1.150		.565
		1.200		.600
		1.250		.700
		1.300		.725
		1.350		.750
		1.400		.760
		1.450		.775
		1.500		.808
		1.550		.834
		1.600		.850
		1.650		.857
		1.700		.865
		1.750		.850
		1.800		.815
		1.850		.950
		1.900		.953
		1.950		.965
		2.000		.1180
		2.050		.299
		2.100		.364
		2.150		.427
		2.200		.534
		2.250		.673
		2.300		.780
		2.350		.897
		2.400		.000
		2.450		-.3460
		2.500		.2700
		2.550		.5750
		2.600		.4980
		2.650		.4750
		2.700		.240
		2.750		-.6110
		2.800		-.6460
		2.850		-.6310
		2.900		-.3580
		2.950		-.1650
		3.000		-.1750

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2278

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (3) = .020

Y/BW X/CU	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = 1.103 BETAT (4) = 4.150

Y/BW X/CU	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 OCA + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.103 BETAT (4) = 4.190

Y/BW
X/CW

.803	.299	.364	.427	.534	.673	.780	.887
.834	-.2280		-.2890				
.850				-.2380	-.1330	-.3140	
.857			-.2810				
.865	-.3110			-.1670			-.6000
.900	-.2730		-.2730				
.905				-.0860	-.0970	-.2320	
.950			-.1330				
.953	-.1910						
.965							

MACH (1) = 1.100 BETAT (5) = 8.280

Y/BW
X/CW

.000	.299	.364	.427	.534	.673	.780	.887
.050	-.6470	-.2210	-.0170	.2510	.1670	.2370	-.0110
.081			-.1240	-.4890	-.6240	-.6990	-.6930
.085		-.0970					
.094	-.5370		-.2300	-.3660	-.6690	-.6720	-.7820
.150							
.177	.0040						
.229		-.0890		-.4040	-.5550	-.6410	-.8070
.246				-.4970	-.5900		-.7680
.250	.0010		-.4250				
.362		-.1510	-.2560	-.2560	-.3600		
.400							-.7950
.402						-.4530	
.497							
.550							
.565							
.600							
.650							
.700	-.1440						
.725							
.750							
.760							
.775							
.818							
.834	-.2350						
.850							
.857							
.865	-.3070						
.900	-.2800						
.915							
.950							
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2280

AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBM119)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.150 BETAT (1) = 0.280

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

MACH (2) = 1.246 BETAT (1) = -0.120

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

MACH (2) = 1.290 BETAT (2) = -4.090

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

Y/B ₁	.299	.364	.427	.534	.673	.780	.867
X/C ₁	.965	-.2780					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2281

AMES 11-707 IAS O2A + S3 + T9 UPPER WING

(RECHIN)

SECTION (2) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (2) = -4.050

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.290							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.887							
.000							
.050							
.091							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.299							
.364							
.427							
.534							
.673							
.780							
.887							
.000							
.050							
.091							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2283

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM119)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.1770				
.834	-.1580						
.850				-.1660	-.2350	-.4180	
.857			-.1390				
.865	-.2190						
.900	-.1730			-.1580			-.6130
.905			-.1490				
.950				-.1240	-.1370	-.2470	
.953			-.1280				
.965	-.1440						

MACH (2) = 1.244 BETAT (5) = 8.230

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4730	-.3280	-.0070	.3200	.2850	.3490	.1590
.050				-.3810	-.4620	-.4830	-.4740
.081			-.1270				
.086		-.0820					
.094	-.5130						
.150			-.2070	-.3250	-.4460	-.5530	-.5820
.177							
.229	-.0310						
.246		-.1140					
.250				-.3530	-.4810	-.5850	-.6420
.362	-.0250			-.4200	-.5120		-.6610
.400			-.3670				
.402							
.497	-.1340			-.3560	-.5480		
.550			-.2730				
.565							-.6800
.600							
.650	-.1920			-.3680		-.6320	
.700				-.2140			
.725							
.750			-.2120				-.6550
.760							
.775			-.2420	-.2170	-.3280		
.808							
.834	-.1690						
.850				-.2130	-.2580	-.3000	
.857			-.2190				
.865	-.2470						-.4630
.900	-.2270		-.2130				
.905			-.2120				
.950				-.1870	-.1460	-.2230	
.953			-.1910				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 UPPER WING (RENUJ9)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.244	BETAT (5) = 8.230	Y/BW	.299	.364	.427	.534	.673	.780	.887
		X/CW	.965	-.2210					

DATE 2: SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBMU20) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. YREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUDDLR = .000

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = 1.101 BETAT (1) = -8.160

Y/BA	X/CA	CP
.000	.299	.364
.000	.427	.534
.000	.673	.780
.000	.887	.887
.050	-.2510	.2880
.050	.6020	.5030
.050	-.6900	-.7030
.050	-.7150	-.7320
.050	-.5340	
.050	-.1400	
.050	-.1100	
.050	-.7420	
.050	-.1130	
.050	-.3320	
.050	-.0960	
.050	-.7050	-.7180
.050	-.5940	
.050	-.2720	
.050	-.6400	-.6650
.050	-.4820	
.050	-.5120	
.050	-.4380	
.050	-.5120	-.5450
.050	-.5380	
.050	-.4380	
.050	-.5480	-.5390
.050	-.3570	-.4310
.050	-.1670	
.050	-.2760	-.4240
.050	-.1060	
.050	-.2310	
.050	-.5370	
.050	-.1880	-.4150
.050	-.5370	
.050	.0250	
.050	.0410	
.050	.299	.364
.050	.427	.534
.050	.673	.780
.050	.887	.887
.050	-.4350	-.4860
.050	.1740	.5390
.050	.4620	.4180
.050	-.6850	-.6980
.050	-.7180	-.7350
.050	-.4880	
.050	-.2090	
.050	-.1930	

MACH (1) = 1.101 BETAT (2) = -4.070

Y/BA	X/CA	CP
.000	.299	.364
.000	.427	.534
.000	.673	.780
.000	.887	.887
.050	-.4350	-.4860
.050	.1740	.5390
.050	.4620	.4180
.050	-.6850	-.6980
.050	-.7180	-.7350
.050	-.4880	
.050	-.2090	
.050	-.1930	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
 AICES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBNM20)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (4) = 4.160

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.3210				
.834	-.2460						
.850				-.1310	-.2400	-.4820	
.857			-.2600				
.865	-.3190						-.5570
.900	-.2820			-.1130			
.905			-.1620				
.950				-.0920	-.2220	-.4170	
.953			-.0710				
.965	-.0750						

MACH (1) = 1.099 BETAT (5) = 8.300

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.6660	-.2690	-.1510	.1300	.1910	.2400	-.0590
.081				-.6460	-.7300	-.7470	-.7760
.085			-.1920				
.094	-.7150			-.4120	-.5930	-.8030	-.8510
.150			-.2340				
.177							
.229	.0100						
.246		-.1590					
.290				-.4240	-.5970	-.8060	-.8920
.362	-.0180			-.5120	-.6340		-.7380
.400			-.5040				
.402							
.497	-.1940			-.3010	-.4660		
.550			-.3250				-.7190
.600						-.3820	
.650					-.3730		
.701	-.1950			-.3260			-.6870
.725							
.750			-.3000				
.760				-.2450	-.2260		
.775			-.3170				
.808							
.834	-.2580			-.3310	-.1840	-.3240	
.850			-.3090				
.857							
.865	-.3140			-.2610			-.6300
.900	-.2980						
.905			-.2900				
.950				-.1370	-.1230	-.2240	
.953			-.2260				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.300

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.2870						

MACH (2) = 1.246 BETAT (1) = -8.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1260	-.1990	.3890	.7170	.6310	.6000	.3340
.090				-.4610	-.4680	-.4760	-.4780
.081			-.3510				
.086		-.1090					
.094	-.0900						
.150				-.5540	-.5580	-.5930	-.5940
.177			-.5780				
.229	-.1000						
.246		-.2760					
.250				-.6330	-.6360	-.6570	-.6630
.362	-.1490			-.6850	-.6930		-.6300
.400			-.5160				
.422				-.6440	-.6750		
.497	-.1930						-.6380
.550			-.5520			-.6090	
.565					-.6300		
.600				-.5330		-.5830	-.5870
.650	-.4520				-.6060		
.700			-.2940	-.4350	-.6060		
.725				-.2220			
.750						-.5560	
.760			-.1770				
.775				-.3430			-.5740
.808	-.0800						
.834				-.2600	-.4970	-.5080	
.850							
.857							
.865	-.1220						
.900	-.0470		-.1170				
.905							
.930			-.0390				
.953	-.0410						
.955							

MACH (2) = 1.246 BETAT (2) = -4.040

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2990	-.3210	.2430	.6350	.5660	.5370	.2650
.090				-.4860	-.4830	-.4940	-.4980
.081			-.3870				
.086		-.1870					
.094							
.150							
.177							
.229							
.246		-.2760					
.250				-.6330	-.6360	-.6570	-.6630
.362	-.1490			-.6850	-.6930		-.6300
.400			-.5160				
.422				-.6440	-.6750		
.497	-.1930						-.6380
.550			-.5520			-.6090	
.565					-.6300		
.600				-.5330		-.5830	-.5870
.650	-.4520				-.6060		
.700			-.2940	-.4350	-.6060		
.725				-.2220			
.750						-.5560	
.760			-.1770				
.775				-.3430			-.5740
.808	-.0800						
.834				-.2600	-.4970	-.5080	
.850							
.857							
.865	-.1220						
.900	-.0470		-.1170				
.905							
.930			-.0390				
.953	-.0410						
.955							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2291

AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(FEB 1970)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (3) = .010

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.987
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.85							
.86							
.900							
.905							
.950							
.953							
.965							
.299	.364	.427	.534	.673	.785	.987	
.4370	.3990	.0000	.4270	.4040	.4420	.1900	
.581							
.586							
.594							
.550							
.177							
.229							
.246							
.250							
.362							
.400							
.452							
.497							
.550							
.555							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.299	.364	.427	.534	.673	.785	.987	
.4370	.3990	.0000	.4270	.4040	.4420	.1900	
.581							
.586							
.594							
.550							
.177							
.229							
.246							
.250							
.362							
.400							
.452							
.497							
.550							
.555							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING (680420)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.783	.887
.808			-.2210				
.834	-.1490			-.1900	-.2910	-.5910	
.850			-.2000				
.857							
.865	-.2020			-.1750			-.5415
.900	-.1600						
.905			-.1690		-.1330	-.1770	-.4810
.950			-.1670				
.953							
.965	-.1630						

MACH (2) = 1.245 BETAT (5) = 7.215

Y/BW X/CW	.299	.364	.427	.534	.673	.783	.887
.000	-.4700	-.3930	-.1950	.2860	.3400	.3570	.1340
.090			-.1170	-.4780	-.5320	-.5360	-.5390
.081		-.1520					
.086	-.5200		-.2360	-.3950	-.5640	-.6220	-.6360
.094							
.150							
.177							
.229	-.1390						
.246		-.1120		-.5910	-.9900	-.6630	-.6900
.250							
.362	.0160			-.4420	-.5530		-.7590
.400							
.402			-.3950				
.497	-.1490			-.3690	-.5770		
.550			-.3310				-.7910
.565						-.7980	
.670					-.4110		
.690				-.2560			
.700	-.2220					-.6160	-.7210
.725							
.750			-.2340				
.760				-.2570	-.3760		
.775			-.2580				
.809							
.834	-.1760			-.2330	-.3150	-.2620	
.850							
.857			-.2350				
.865	-.2440			-.2260			-.5620
.900	-.2280						
.905			-.2230		-.2060	-.1990	-.1870
.950			-.1970				
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AXES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBN023)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.243 BETAF (5) = 7.210

Y/BW

.299

.364

.427

.534

.673

.783

.887

X/CW

.965

-.2250

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

REC-21 (27 APR 73)

REFERENCE DATA

SREF =	2.4210	59. FT.	YARP =	28.5900	INCHES
UREF =	39.8490	INCHES	YARP =	.0000	INCHES
BREF =	39.8490	INCHES	ZARP =	.0000	INCHES
SCALE =	.0000	SCALE			

SECTION (1) UPPER WING

$$\text{MACH} (1) = 1.100 \quad \text{BETAT} (1) = -0.170$$

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.364	.427	.534	.673	.768	.897
.000	-.0920	-.2340	.4880	.6820	.6220	.5830	.5400
.050				.2710	.2850	.2950	.3140
.081			.2260				
.086		.0500					
.094	.0400			-.0430	-.0440	-.1140	-.1110
.150			.0970				
.177	-.0040						
.229		.1720		-.1650	-.2130	-.1990	-.2560
.246							
.250				-.2730	-.2780		-.3430
.362	.0570		-.1640				
.400							
.402							
.497	.0610		.0280	-.0130	-.1660		-.5070
.550						-.3140	
.565							
.600				-.0800			
.650	.1190				-.2210		
.700						-.2780	-.3080
.725							
.750			-.0190	-.0620	-.1870		
.760			-.0270				
.775							
.808							
.834	.0050			.0580	-.0210	-.0220	
.850			.0760				.1140
.857							
.865	-.0010			.1720			
.900	.0690						
.905			.1730	.0870	.0680	.1350	
.950			.1800				
.953							
.965	.1360						
Y/BW	.299	.364	.427	.534	.673	.768	.897
X/CW							
.000	-.1710	-.3100	.4140	.5870	.5250	.4670	.4230
.050				.2890	.3070	.3100	.3160
.081			.2390				
.086							
.094		-.0030					
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

WACH (1) = 1.974 BETAT (2) = -4.563

PARAMETRIC DATA

ALPHAT =	-9.000	CRBINC =	.000
RDDPZ =	-10.000	ELEVON =	.000
RDDPR =	.000		

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 CCA + S3 + T9 UPPER WING

(REMU2:)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.104 BETAT (2) = -4.080

Y/BW X/CW	.299	.364	.427	.534	.673	.730	.887
.180							
.177			.1140				
.229	-.0400						
.246		.1560					
.250							
.362	.0020						
.400							
.402							
.497	.0710		-.0710				
.550							
.565			-.0130				
.600							
.650							
.700	.0770						
.725							
.750							
.750							
.775							
.808							
.834	-.0230						
.850							
.857							
.865	-.1150						
.900	-.0220						
.905							
.950							
.953							
.965	.0390						
Y/BW X/CW	.299	.364	.427	.534	.673	.730	.887
.000	-.2610	-.3600	.3430	.4910	.4120	.3260	.2660
.050				.2930	.3120	.3210	.3250
.081							
.086	-.0350		.2520				
.094	-.0390						
.150							
.177			.1530				
.229	-.0610						
.246		.1400					
.250							
.362	.0090						
.400							
.402							
.497			.0070				

MACH (1) = 1.099 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.730	.887
.000	-.2610	-.3600	.3430	.4910	.4120	.3260	.2660
.050				.2930	.3120	.3210	.3250
.081							
.086	-.0350		.2520				
.094	-.0390						
.150							
.177			.1530				
.229	-.0610						
.246		.1400					
.250							
.362	.0090						
.400							
.402							
.497			.0070				

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (3) = .020

(REDACTED)

WACH (1) = 1.00 BEAT (4) = 4.15

Y/M	299	364	427	534	675	763	1007
000	-3,500	-3930	3060	4110	3020	1920	1220
030				3380	3310	3250	3140
081			2990				
136		1060					
194	-1,0310			1720	1290	1480	10510
193			2090				
177	-1,17710						
229		1610					
246				10420	11100	11270	110670
291							
362	10380			-1,10390	-1,10670		-1,23810
410			10390				
412							
497	1620			-1,11750	-1,11660		
581			-1,110640				-1,41110
565						-1,33000	
610					-1,2970		
701	10310			-1,22100			
725						-1,3370	-1,4120
791							
761		-1,1730					
775				-1,2180	-1,2070		

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-70- IAS OCA + S3 + T9 UPPER WING

(RBMU21)

SECTION (1) UPPER WING DEFLECTED VARIABLE CP

MACH (1) = 1.111	BETAT (4) = 4.150	Y/BW	.299	.364	.427	.534	.673	.780	.887
		X/CW							
		.008			-.2010				
		.834	-.1110			.1790	-.2580	-.2780	
		.850			-.1790				
		.857							
		.865	-.2740			-.1550			-.1990
		.900	-.1740		-.1320				
		.905				-.0750	-.1250	-.1300	
		.930			-.0510				
		.953							
		.965	-.0930						
		Y/BW	.299	.364	.427	.534	.673	.780	.887
		X/CW							
		.000	-.4780	-.3840	.2810	.3590	.2170	.0650	-.0170
		.050				.3270	.3020	.3040	.2800
		.081		-.0200	.2970				
		.086							
		.094	.1110			.1790	.1390	.0630	.0580
		.150			.2250				
		.177							
		.229	-.0300						
		.246		.1540		.0580	.0210	.0360	-.0590
		.250							
		.362	.0530			-.0380	-.0620		-.2330
		.400							
		.402			.0360				
		.497	.1660			-.1060	-.1010		
		.550			-.0820				-.4030
		.565							
		.600							
		.630						-.3350	
		.700	.0130			-.2470			
		.725							
		.750							
		.760			-.1080				
		.775				-.2390	-.2960		
		.808			-.2240				
		.834	-.1400			-.4110	-.2500	-.2940	
		.850							
		.857			-.2170				
		.865	-.2550						-.2320
		.900	-.1980			-.1830			
		.915			-.1700				
		.950				-.1230	-.1470	-.1550	
		.953			-.1130				

MACH (1) = 1.110 BETAT (5) = 8.300

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1AS OEA + S3 + T9 UPPER MING

(RBMU21)

SECTION (1) UPPER MING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 0.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.963	-.1340					

MACH (2) = 1.245 BETAT (1) = -0.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.0720	.2860	.6670	.6310	.6020	.6050
	.090			.2730	.3260	.3670	.3960
	.081		.1960				
	.086	.0530					
	.094			.0010	.0210	.0010	.0060
	.190		.0320				
	.177						
	.229	.0300					
	.246	-.0280		-.1220	-.1240	-.0980	-.1380
	.290			-.2330	-.2460		-.2460
	.362	-.0250	-.2130				
	.400						
	.402						
	.497	.0090	-.0370	-.2710	-.3470		
	.590						
	.567						
	.620						
	.630						
	.700	.0570		.0240	-.1560	-.4230	-.4340
	.725						
	.750						
	.760		.0600				
	.775		.0500	.0310	-.0840		
	.808						
	.834	.0990		.0580	-.0050	-.1080	
	.850						
	.857		.0760				
	.865	.0470					
	.900	.0780		.0830			
	.905		.0890				
	.950			.1220	.1160	-.0090	
	.953		.1140				
	.965	.0730					

MACH (2) = 1.252 BETAT (2) = -0.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	-.0760	-.1620	.1400	.5420	.5150	.4880	.4980
	.000			.2820	.3270	.3450	.3550
	.050						
	.081		.1870				
	.086	-.0010					
	.094						

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A
 ANES 11-707 IA9 OCA + S3 + T9 UPPER WING

(RBM021)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.252 BETAT (2) = -4.050

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177			.0480				
.229	-.0090						
.246		-.0540					
.250							
.362	-.0460			-.1060	-.1030	-.0820	-.1300
.400				-.2170	-.2020		-.2380
.402			-.1910				
.497	-.0460			-.0430	-.3180		
.550			.0190				
.565						-.3990	-.4040
.670							
.650				-.0020	-.0610		
.700	.0390					-.1710	-.4190
.725							
.750			.0130				
.760				-.0090	-.0680		
.775			.0280				
.808							
.834	.0470			.0210	-.0440	-.0520	
.850							
.857			.0280				
.865	-.0290						-.0300
.900	.0340			.0360			
.905			.0470				
.950				.0790	.0790	.0720	
.953			.0680				
.965	.0390						

MACH (2) = 1.250 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.1540	-.1950	.0180	.4170	.4250	.3780	.3810
.081			.1730	.2910	.3060	.3110	.3070
.086		-.0400					
.094	-.0270			.0360	.0530	-.0050	.0160
.150							
.177			.0680				
.229	-.0270	-.0700					
.246				-.0650	-.0840	-.0680	-.1190
.250							
.362	-.0540			-.1970	-.2000		-.2170
.400							
.402			-.1600				
.497	-.0320						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
 AXES 11-707 1A9 OEA + S3 + T9 UPPER MING

(R84121)

DEPENDENT VARIABLE CP

SECTION (1) UPPER MING

MACH (2) = 1.250 BETAT (3) = .020

Y/BW X/CM	.299	.364	.427	.534	.673	.780	.887
.590			.0250				
.565				.0250			
.600							
.650							
.700	.0610						
.725							
.750							
.760							
.775							
.808							
.834	.0140						
.850							
.857							
.865	-.0790						
.900	.0300						
.905							
.950							
.953							
.965	.0080						

MACH (2) = 1.246 BETAT (4) = 4.130

Y/BW X/CM	.299	.364	.427	.534	.673	.780	.887
.020							
.050	-.2510	-.2350	-.0050	.3930	.3450	.2700	.2650
.061			.1640	.2940	.2650	.2550	.2630
.086		-.0720					
.094	-.0450			.0390	.0430	-.0230	.0100
.150			.0920				
.177	-.0430						
.229		-.0610					
.246				-.0390	-.0510	-.0510	-.1040
.250							
.362	-.0320			-.1480	-.1490		-.1220
.400							
.402							
.497	-.0640						
.550				-.0060	-.0550		
.563			.0010				
.600							
.650							
.700	.0510						
.725							
.750							
.760							
.775							

AVES 11-707 1A9 OCA + S3 + T9 UPPER WING (RBM4021)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.0890				
.834	-.0250						
.850				-.0730	-.0920	-.0960	
.857			-.0730				
.865	-.1180			-.0570			-.0690
.900	-.0840		-.0580				
.905				-.0010	-.0050	-.0030	
.950			-.0040				
.953							
.965	-.0330						

MACH (2) = 1.247 BETAT (5) = 8.260

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.070	-.3820	-.2640	.1400	.4050	.2690	.1690	.1470
.050				.2970	.2520	.2400	.2620
.081			.2540				
.086		-.1040					
.094	-.0620						
.150							
.177			.1680	.0760	.0600	-.0110	.0920
.229	-.0560						
.245		-.0190					
.250				.0780	-.0470	.0740	.0130
.362	-.0520			.0150	.0150		-.0980
.427			-.0140				
.497	.0590						
.550			.0110	-.0010	-.0580		
.565							-.2540
.603					-.1880		
.650							
.700	.0730			-.0940	-.1550		
.725						-.2220	-.2770
.750			-.0850				
.760				-.1130	-.1470		
.775			-.1040				
.808							
.834	-.0370						
.850				-.1010	-.1420	-.1480	
.857			-.1030				
.865	-.1420						
.900	-.1020			-.0940			-.1470
.905			-.0920				
.950			-.0520	-.0520	-.0520	-.0520	
.953			-.0520				

DATE 21 SEP 73 TABULATED PRESSURE DATA - IASA

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM021)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (5) = 0.260

Y/BW	.299	.364	.427	.534	.673	.783	.887
X/CW							
	.965	-.0710					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2553

AVES 11-757 1A9 02A + S3 + T9 UPPER WING

(25X22) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.9300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 O'BLCM = .500
 RUDDER = -10.000 ELEVON = .100
 RUFLP = .000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

Y/DA X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1130	-.1760	.5360	.7340	.6770	.6510	.6020
.050				.1640	.1910	.2100	.2150
.081		.0600	.1460				
.096							
.094	.0120						
.150							
.177			.0520				
.229	-.0200						
.246		.1390					
.250							
.362	.0560						
.400							
.402							
.497	.0260						
.550							
.565							
.600							
.650							
.700	.0880						
.725							
.750							
.760							
.775							
.809							
.834	.0250						
.850							
.857							
.865	-.0540						
.900	.0030						
.905							
.950							
.959							
.965	.1040						

MACH (1) = 1.597 BETAT (2) = -4.160

Y/DA X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1880	-.2130	.4510	.6420	.5690	.5420	.4950
.050				.2810	.1830	.2140	.2180
.081							
.096							
.094							
.150							
.177							
.229							
.246							
.250							
.362	.0560						
.400							
.402							
.497	.0260						
.550							
.565							
.600							
.650							
.700	.0880						
.725							
.750							
.760							
.775							
.809							
.834	.0250						
.850							
.857							
.865	-.0540						
.900	.0030						
.905							
.950							
.959							
.965	.1040						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2505

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(R304022)

SECTION (2) UPPER WING

DEPENDENT VARIABLE CP

MAC= (1) : 1.098 BETAT (3) = .52C

Y/BW X/CW	.550	.565	.600	.650	.700	.725	.750	.760	.775	.800	.834	.850	.857	.865	.900	.905	.950	.953	.955
Y/BW	.299	.364	.427	.534	.673	.780	.897												
X/CW	-.0530	-.0940	-.2080	-.360	-.490	-.590	-.640	-.680	-.720	-.760	-.800	-.840	-.880	-.920	-.960	-.970	-.980	-.990	-.995

MAC= (1) : 1.100 BETAT (4) = 4.14C

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
Y/BW	-.3960	-.2710	.3180	.4790	.3780	.2980	.2430
X/CW	-.081	.0440	.2180	.2480	.2370	.2450	.2300
Y/BW	-.0990			.0890	.0240	-.0490	-.0370
X/CW	-.0620	.1130		-.0320	-.0740	-.0510	-.1350
Y/BW	.250	.362	.400	.402	.437	.550	.565
X/CW	.000	.000	.000	.000	.000	.000	.000
Y/BW	.600	.650	.700	.725	.750	.760	.775
X/CW	-.0180	-.2450	-.3180	-.360	-.380	-.400	-.410
Y/BW							
X/CW							

TABULATED PRESSURE DATA - 1A9A

DATE 21 SEP 73

AVES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBM022)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = 1.100 BETAT (4) = 4.140

Y/B _W X/C _W	.299	.364	.427	.534	.673	.783	.887
.808			-.2150				
.834	-.1290						
.850				-.2140	-.2850	-.2970	
.857			-.2120				
.865	-.2500			-.1950			-.1580
.900	-.1990		-.1820	-.1330	-.1530	-.1410	
.905							
.950			-.1270				
.953							
.955	-.1390						

MACH (1) = 1.099 BETAT (5) = 8.280

Y/B _W X/C _W	.299	.364	.427	.534	.673	.783	.887
.730							
.750	-.5480	-.2120	.3090	.4310	.2930	.1980	.1290
.781			.2330	.2450	.2310	.2370	.2220
.786		.0380					
.794	-.1180			.1030	.0610	-.1020	-.0110
.795							
.777			.1690				
.729	-.0790						
.745		.1380		-.0130	-.0530	-.1060	-.1200
.750							
.762	.0450			-.0640	-.1110		-.2730
.770			-.0200				
.787	.1300			-.1360	-.2190		
.790			-.0960				
.755							-.4350
.750					-.3250		
.770	.0060			-.2640		-.2650	-.4270
.725							
.750			-.2160				
.760				-.2630	-.3150		
.775			-.2460				
.808							
.824	-.1570			-.2410	-.2940	-.3050	
.850							
.857			-.2470				
.865	-.2070			-.2290			-.1690
.910	-.2380						
.975			-.2150	-.1630	-.1750	-.1610	
.950							
.953			-.1610				

(RB.VJ22)

DEPENDENT VARIABLE CP

Y/BW	.299	.364	.427	.534	.673	.780	.887
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	Y/BW	.364	.427	.534	.673	.780	.887
1							
2							
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78							
79							
80							
81							

	Y/EW	.299	.364	.427	.534	.672	.781 ^a	.897
1								
2								
3								
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5								
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9								
10								
11								
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760.
980.
180.
050.
000.
M/CX

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM22)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (2) = -4.060

Y/BW X/QW	.299	.364	.427	.534	.673	.780	.887
.190							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.750							
.725							
.750							
.760							
.775							
.808							
.834							
.890							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.000							
.050							
.061							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
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.600							
.650							
.750							
.725							
.750							
.760							
.775							
.808							
.834							
.890							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = 1.250 BETAT (3) = .020

Y/BW X/QW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.061							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.750							
.725							
.750							
.760							
.775							
.808							
.834							
.890							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.000							
.050							
.061							
.086							
.094							
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.246							
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.362							
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.402							
.497							
.550							
.565							
.600							
.650							
.750							
.725							
.750							
.760							
.775							
.808							
.834							
.890							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2559

AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(R8M022)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700	.0220						
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.930							
.953							
.965							

MACH (2) = 1.250 BETAT (4) = 4.120

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.930							
.953							
.965							

AMES 11-707 1A9 08A + S3 + T9 UPPER WING

(RBMJ22)

SECTION 1 UPPER WING

DEPENDENT VARIABLE CF

MACH (C) = 1.250 BETAT (A) = 4.100

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.806			-.1030				
.834	-.0420						
.850				-.0900	-.0920	-.0930	
.857			-.0840				
.865	-.1230						
.900	-.1030			-.0700			-.0170
.905			-.0770				
.950				-.0290	-.0190	.0090	
.953			-.0330				
.965	-.0820						

MACH (D) = 1.249 BETAT (S) = 6.230

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.806							
.834	-.0130	-.2330	.2660	.4370	.3200	.2580	.2380
.850				.2140	.1970	.1820	.1800
.857			.2130				
.866		-.1060					
.894	-.0860				.0190	.0090	-.0720
.190			.1240				-.0540
.177							
.229	-.0770						
.246		.0220					
.250				-.0510	-.1020	-.0990	-.1410
.362	-.0740						
.400				-.1490	-.0920		-.1730
.402			-.1090				
.497	.0510						
.530				-.0150	-.0690		
.555							
.600							
.650							-.2650
.700	.0430					-.1690	
.705				-.1020			
.730							-.2130
.760			-.0960				-.2620
.775				-.1230	-.1130		
.808			-.1210				
.834	-.0590						
.840				-.1110	-.1460	-.1530	
.857			-.1140				
.865	-.1500						
.900	-.1170			-.1130			-.1300
.909			-.1040				
.930				-.0760	-.0780	-.0730	
.933			-.0720				

TABLATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMU22)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

HACH (2) = 1.249 BETAT (5) = 8.230

	Y/BW	.299	.364	.427	.534	.673	.780	.867
X/CW	.965	-.1010						

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

PAGE 2512

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMU23) (27 APR 75)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8430 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = .500
 RUDDER = -10.000 ELEVON = .000
 RUFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = 1.099 BETAT (1) = -8.200

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.117	-.1000	.5560	.7650	.7080	.6910	.6490
.030			.0630	.0920	.0850	.1150	.1300
.061		.0470					
.086	-.0020						
.094							
.150							
.177							
.228	-.0480						
.246		.1050					
.250							
.362	.0320						
.400							
.402							
.497	-.0220						
.550							
.565							
.600							
.650	.0490						
.700							
.725							
.750							
.760							
.775							
.808							
.834	.0090						
.850							
.857							
.855	-.0740						
.900	-.0360						
.95							
.950							
.953							
.965	.0400						

MACH (1) = 1.097 BETAT (2) = -4.090

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1910	-.1420	.4830	.6830	.6220	.5980	.5480
.050				.0510	.0870	.0980	.1110
.061			.0870				
.086							
.094	-.0080						

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING (RBM423)

SECTION: (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (2) = -4.090

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.0570		-.0960				
.246		.0960					
.250							
.362	.0030			-.2720	-.3310	-.3420	-.4330
.400				-.3990	-.4360		-.4700
.402			-.3220				
.497	-.0230						
.550			-.0400	-.0920	-.2030		
.565							
.600							-.5900
.650	.0350					-.3390	
.700				-.1540	-.2770		
.725							
.750							
.760			-.0880				
.775			-.1170	-.1500	-.2480		
.808							
.834	-.0470						
.850			-.1040	-.1190	-.1570	-.1160	
.857							
.865	-.1300						
.900	-.0860		-.0840	-.0820			.0130
.905				-.0200	.0430	.0540	
.950			-.0350				
.953							
.965	-.0550						

MACH (1) = 1.102 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.837
.020							
.050	-.2870	-.1750	.4140	.5960	.5190	.4950	.4470
.050				.0040	.0990	.0760	.1220
.081			.1160				
.086		.0450					
.094	-.0420						
.150				-.1410	-.1550	-.2130	-.2340
.177			.0270				
.229	-.0690						
.246		.0920					
.250				-.1950	-.2580	-.2440	-.3320
.362	.0110						
.400				-.1680	-.2600		-.3990
.402							
.497			-.0920				

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A
 AVES 11-707 IA9 O2A + S3 + T9 UPPER WING

(RBM023)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MAC (1) = 1.101 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550			-.0700	-.1230	-.2280		
.565						-.3850	-.4560
.600					-.3540		
.650							
.700	.0050			-.2140		-.3410	-.3640
.725			-.1430				
.750			-.1760	-.1920	-.2800		
.760							
.775							
.808	-.1010			-.1650	-.2310	-.2280	
.834			-.1560				
.850							
.857	-.1990			-.1480			-.0400
.865			-.1310				
.900	-.1340			-.0850	-.0570	-.0230	
.905			-.0820				
.950							
.953							
.965	-.1050						

MACH (1) = 1.102 BETAT (4) = 4.140

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4330	-.2070	.3310	.5180	.4370	.3960	.3520
.050				.1510	.2660	.2640	.1600
.081		.0620	.1480				
.086							
.094	-.0970			-.0640	-.0360	-.1440	-.1490
.150			.0940				
.177							
.229	-.0690						
.246		.0980					
.250				-.0520	-.1440	-.1410	-.2500
.362	.0200						
.400				-.1370	-.1450		-.3330
.402			-.0800				
.497	.0750						
.550			-.0960	-.1370	-.2470		
.565							
.600							-.4710
.650						-.3880	
.700	-.0020				-.3330		
.725			-.2520				
.750						-.3770	-.4110
.760			-.1970				
.775				-.2510	-.3170		

AMES 11-707 IA9 OEA + S3 + T9 UPPER WING (RBM423)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (4) = 4.140

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.2210				
.834	-.1440						
.850				-.2240	-.2890	-.3020	
.857			-.2250				
.865	-.2550			-.2140			-.1110
.900	-.2240		-.1980		-.1590	-.1640	-.1240
.905							
.950			-.1500				
.953							
.965	-.1720						

MACH (1) = 1.099 BETAT (5) = 8.260

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.6030	-.1420	.3160	.4720	.3600	.2990	.2390
.050				.1670	.1660	.1430	.1240
.081			.1720				
.085		.0830					
.094	-.1350						
.150				-.0190	-.0340	-.1270	-.1220
.177			.1110				
.229	.0060						
.246		.1280					
.250				-.0660	-.1290	-.1170	-.2010
.362	.0550						
.400				-.1250	-.1640		-.3130
.402			-.0750				
.497	.0420			-.1630	-.2490		
.550							
.555							
.600							
.650							
.700	-.0320					-.3950	
.725					-.2780		
.750			-.2380				
.760						-.3860	-.4180
.775					-.2880	-.3340	
.808			-.2640				
.834	-.1820						
.850				-.2620	-.3130	.3130	
.857			-.2660				
.865	-.3060			-.2520			-.1300
.900	-.2620		-.2460				
.905				-.2010	-.1950	-.1560	
.950							
.953			-.2520				

DATE 21 SEP 79

TABULATED PRESSURE DATA - 1A9A

PAGE 231C

AVES 11-707 1A9 CCA + S3 + T9 UPPER WING

(RBM1023)

SECTION (1) UPPER WING

DEPENDENT VARIABLE C_P

MACH (1) = 1.098 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	-.2120					

MACH (2) = 1.248 BETAT (1) = -8.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.0080	.0080	.3640	.1730	.7430	.7420	.7030
	.050			.1020	.1820	.2510	.2375
	.081	.0120	.0980				
	.086						
	.094	.0320					
	.150			-.1230	-.1070	-.1250	-.1390
	.177		-.0960				
	.229	-.0270					
	.246		-.0940				
	.255			-.2430	-.2510	-.2550	-.2880
	.362	-.0830					
	.400		-.2860	-.3380	-.3810		-.3730
	.402						
	.437	-.0680					
	.550		-.3770	-.4670			
	.565		-.3010				
	.670						
	.650					-.5370	-.4800
	.700	-.0950		-.0550	-.4940		
	.725					-.5380	-.5000
	.750		.0080				
	.760			-.0320	-.2620		
	.775		.0130				
	.808						
	.834	.0820					
	.850			-.0730	-.1590	-.3310	
	.857		.0410				
	.865	.0070					
	.900	.0380		.0290			-.3760
	.905						
	.950		.0510				
	.955		.0720		.0680	.0240	-.1070
	.965	.0290					

MACH (2) = 1.248 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
	.000	-.0730	.2650	.6700	.6400	.6400	.6130
	.050			.1080	.1830	.1870	.2110
	.081		.0800				
	.086						
	.094	-.0370					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2319

AVES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBW23)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.120

Y/DL X/DL	.299	.364	.427	.534	.673	.785	.887
.808			-.1260				
.834	-.0710						
.850				-.0830	-.0220	-.0080	
.857			-.0980				
.865	-.1470						
.900	-.1200			-.0660			.0410
.905			-.0850				
.950			-.0450	-.0450	-.0350	.0220	
.953			-.0450				
.965	-.0880						

MACH (2) = 1.246 BETAT (5) = 8.210

Y/DL X/DL	.299	.364	.427	.534	.673	.785	.887
.000	-.4400	-.2440	.2850	.4610	.3630	.3350	.3400
.050				.1130	.1320	.1260	.1140
.081			.1520				
.086		-.0900					
.094	-.1140						
.150			.0450	-.0380	-.0150	-.0230	-.0400
.177							
.229	-.0870						
.246		.0380		-.0160	-.0160	-.0120	-.2420
.254							
.362	.0790			-.2070	-.2370		-.3050
.400			-.0670				
.452							
.457	.0030						
.554			-.0330	-.0440	-.0100		
.555							
.600							-.3070
.650	.0070				-.0870	-.2250	
.700				-.0110			
.725							
.750			-.1120			-.2500	-.2730
.760							
.775			-.1410	-.1350	-.0720		
.808							
.834	-.0760						
.854				-.0320	-.0640	-.0160	
.857			-.1260				
.865	-.0650						
.900	-.1440			-.1250			-.0690
.905			-.1240				
.950				-.0050	-.0060	-.0070	
.953			-.1030				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2302

AMES 11-757 1A9 02A + S3 + T9 UPPER WING

(RBN123)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETA* (5) = 8.210

Y/BW
X/CW

.299 .427 .534 .673 .783 .887

.585 -.1283

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMU24) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 S3.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 ORBINC = .500
 RUDDER = -10.000 ELEVON = .000
 RUDFLR = .000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100	BETAT (1) = -8.200	Y/BW	.299	.364	.427	.534	.673	.780	.887
		X/CW							
		.000	-.1200	-.0640	.5430	.7650	.7080	.7160	.6540
		.050				-.1580	-.0630	-.0270	.0100
		.081			-.0790				
		.086		.0030					
		.094	-.0190						
		.150							
		.177							
		.229	-.0780		-.1870				
		.246		.0130					
		.250							
		.362	-.0130			-.3570	-.4470	-.4720	-.5130
		.400				-.4550	-.5460		-.5840
		.402			-.3810				
		.497	-.0900						
		.550			-.0740				-.7060
		.565				-.2280	-.6190		
		.600							
		.650							
		.700	.0140			-.1180		-.3950	-.6840
		.725							
		.750							
		.760			-.0650				
		.775				-.1210	-.2020		
		.808			-.0890				
		.834	-.0120						
		.850				-.0660	-.0340	-.2030	
		.857			-.0710				
		.865							
		.900	-.0940						
		.900	-.0560						
		.905							
		.950			-.0420				
		.950				.0410	.1100	-.0200	
		.953			.0210				
		.965	-.0360						

MACH (1) = 1.098	BETAT (2) = -4.000	Y/BW	.299	.364	.427	.534	.673	.780	.887
		X/CW							
		.000	-.1900	-.1190	.4870	.6960	.6350	.6280	.5710
		.050				-.0930	-.0140	-.0160	.0040
		.081			.0160				
		.086		-.0310					
		.094							

DATE 21 SEP 73

AMES 11-737 1A9 Q2A + S3 + T9 UPPER WING

(RBMJ24)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

$$\text{WACH} (2) = 1.598 \quad \text{BETAT} (2) = -4.090$$

Y/B4	.299	.364	.427	.534	.673	.760	.887
X/C4			-.1240	-.2350	-.2820	-.3360	-.3750
.177	-.0880						
.246		.0600					
.290				-.3420	-.4240	-.4490	-.5110
.362	-.0100			-.4630	-.5250		-.5810
.470							
.472			-.3880				
.497	-.0730			-.1300	-.5440		
.590			-.0890			-.5450	-.6960
.565					-.2560		
.600				-.1740		-.3120	-.6650
.650	-.0090						
.725			-.1030	-.1630	-.2480		
.790			-.1360				
.780							
.878				-.1340	-.1430	-.0940	
.834	-.0710		-.1290				-.1440
.890							
.857				-.0960	.0460	.0360	
.865	-.1420						
.970	-.1100		-.0650				
.905							
.950							
.953	-.0870						
.955							
Y/B4	.299	.364	.427	.534	.673	.780	.887
X/C4			.4020	.6060	.5450	.5410	.4880
.000	-.3210	-.1470		-.0510	-.0610	-.0120	-.0020
.090			.0340				
.081		.0270					
.086							
.094	-.0890						
.150			-.0870	-.2090	-.2550	-.3210	-.3430
.177							
.229	-.0890						
.246		.0370					
.250				-.2960	-.3620	-.4010	-.4590
.362	-.0130						
.400				-.3110	-.4030		-.4640
.402			-.2180				
.497	-.0673						

$\alpha = 1$ $\beta = 1$ $\gamma = 1$ $\delta = 1$ $\epsilon = 1$ $\zeta = 1$ $\eta = 1$ $\theta = 1$ $\iota = 1$ $\kappa = 1$ $\lambda = 1$ $\mu = 1$ $\nu = 1$ $\xi = 1$ $\omicron = 1$ $\pi = 1$ $\rho = 1$ $\sigma = 1$ $\tau = 1$ $\upsilon = 1$ $\phi = 1$ $\chi = 1$ $\psi = 1$ $\omega = 1$ $\alpha = 1$ $\beta = 1$ $\gamma = 1$ $\delta = 1$ $\epsilon = 1$ $\zeta = 1$ $\eta = 1$ $\theta = 1$ $\iota = 1$ $\kappa = 1$ $\lambda = 1$ $\mu = 1$ $\nu = 1$ $\xi = 1$ $\omicron = 1$ $\pi = 1$ $\rho = 1$ $\sigma = 1$ $\tau = 1$ $\upsilon = 1$ $\phi = 1$ $\chi = 1$ $\psi = 1$ $\omega = 1$

Y/B4	.299	.364	.627	.534	.673	.780	.887
X/C4	-.3210	-.1470	.4020	.6060	.5450	.5410	.4880
.090				-.0510	-.0010	-.0120	-.0020
.081			.0340				
.086		.0270					
.094	-.0690			-.2090	-.2550	-.3210	-.3430
.153			-.0870				
.177							
.229	-.0690						
.246		.0370					
.250				-.2980	-.3620	-.4010	-.4490
.362	-.0130						
.400				-.3110	-.4050		-.4640
.402			-.2160				
.497	-.0673						

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AWES 11-707 1A9 ORA + S3 + T9 UPPER WING (RBMU24)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.097	BETAT (4) = 4.130	Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
		.808			-.2330				
		.834	-.1660			-.2360	-.2980	-.2680	
		.850			-.2370				
		.857							
		.865	-.2770			-.2290			-.1090
		.900	-.2300		-.2130				
		.905				-.1760	-.1510	-.0910	
		.950			-.1700				
		.953							
		.965	-.1530						
		Y/BW	.299	.364	.427	.534	.673	.780	.887
		X/CW							
		.000	-.6200	-.1040	.2630	.4830	.3940	.3860	.3400
		.050			.1090	.0560	.0460	.0390	.0270
		.081		.0880					
		.086							
		.094	-.1540						
		.150							
		.177			.0300	-.1240	-.0910	-.2240	-.2340
		.229	.0380						
		.246		.0900					
		.250				-.1300	-.1800	-.2030	-.2900
		.362	.0390						
		.400			-.0740	-.1510	-.2150		-.3560
		.452							
		.497	.0410			-.1870	-.2810		
		.550			-.1430				
		.565							
		.600							
		.690							
		.700	-.0320			-.2830	-.3560		-.4700
		.725							
		.750							
		.760			-.2490				
		.775				-.2930	-.3400		
		.808			-.2740				
		.834	-.1990						
		.850				-.2660	-.3150	-.3010	
		.857			-.2020				
		.865	-.3190						
		.900	-.2790			-.2650			-.1090
		.905			-.2580				
		.950			-.2140	-.1930		-.1190	
		.953			-.2230				

MACH (1) = 1.101 BETAT (5) = 8.250

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2325

SECTION (1) UPPER WING

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM024)

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (5) = 0.250

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
	.965	-.2460					

MACH (2) = 1.246 BETAT (1) = -0.150

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
	.0050	.0030	.4000	.5150	.720	.7640	.7080
	.050			-.0030	.0550	.0820	.1340
	.081		.0320				
	.086	.0020					
	.094	.0160					
	.150						
	.177		-.1600				
	.229	-.0920		-.1780	-.1710	-.1920	-.1990
	.246		-.1230				
	.250			-.3060	-.3200	-.3280	-.3510
	.362	-.1010		-.3900	-.4420		-.4260
	.400		-.3230				
	.402						
	.497	-.0850		-.4180	-.5300		
	.550		-.3540				
	.565						-.5490
	.600				-.5620		
	.650						
	.700	-.2080		-.0940			
	.725						
	.750						
	.760		-.0370	-.0330	-.4060		-.5830
	.775		-.0190				
	.808						
	.834	.0270					
	.850						
	.857		.0210	-.0120	-.2460	-.5180	
	.865	-.0180					
	.900	.0180		.0070			-.4330
	.905		.0370				
	.950			.0210	-.0390	-.1610	
	.953		.0370				
	.965	.0160					

MACH (2) = 1.249 BETAT (2) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
	.000	-.0860	-.0650	.3080	.7170	.6690	.6320
	.050				-.1040	.0790	.1170
	.051		.0380				
	.086						
	.094	-.0450					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 1:-707 1A9 O2A + S3 + T9 UPPER WING

(RBM024)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.070

Y/BW X/QW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.887							
.2190							
.1240							
.2550							
.0560							
.0640							
.1060							
.0960							
.1230							
.1210							
.2800							
.3750							
.4160							
.497							

MACH (2) = 1.249 BETAT (3) = .020

Y/BW X/QW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.299							
.364							
.427							
.534							
.673							
.780							
.887							
.2190							
.1240							
.2550							
.0560							
.0640							
.1060							
.0960							
.1230							
.1210							
.2800							
.3750							
.4160							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

PAGE 2327

AMES 11-707 IA9 O2A + S3 + T9 UPPER WING

(RBW024)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = 1.249 BETAT (4) = 4.110

Y/BW X/CW	.299	.364	.427	.5	.673	.780	.887
.520							
.550							
.581							
.636							
.694							
.750							
.777							
.829							
.846							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING (RBMJ24)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (5) = 8.230

Y/BW .299 .364 .427 .534 .673 .780 .887
X/CW .965 -.1480

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2331

AVES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RBW25)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.095 BETAT (2) = -4.090

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.1290						
.246		-.0180					
.255							
.362	-.0290						
.430							
.402							
.497	-.1130						
.550							
.565							
.600							
.650							
.700	-.0510						
.725							
.750							
.760							
.775							
.808							
.834							
.850	-.0690						
.857							
.865	-.1600						
.900	-.1290						
.905							
.950							
.953							
.965	-.1290						
.150							
.177							
.229							
.246							
.255							
.362							
.430							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = 1.099 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.3370						
.246		-.1530					
.255							
.362							
.430							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.150							
.177							
.229							
.246							
.255							
.362							
.430							
.402							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM,25)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099

BETAT (3) = .020

Y/B_W
X/C_W

.590	.299	.364	.427	.534	.673	.780	.887
.565			-.1280	-.1610	-.2720		
.600						-.3840	-.6790
.650	-.0570			-.2220	-.3220		
.700						-.3350	-.4780
.725							
.750							
.760			-.1700	-.2180	-.2910		
.775			-.1920				
.808							
.834	-.1360			-.1910	-.2280	-.1350	
.850			-.1860				
.857							
.855	-.2130			-.1650			-.0110
.900	-.1830		-.1650				
.905				-.0970	-.0190	.0050	
.950			-.1240				
.953	-.1460						
.955							

MACH (1) = 1.130

BETAT (4) = 4.130

Y/B_W
X/C_W

.590	.299	.364	.427	.534	.673	.780	.887
.565	-.5380	-.1660	.2930	.5500	.5030	.4930	.4190
.600				-.1090	-.0380	-.0800	-.0680
.650		.0510	.0110				
.700	-.1300						
.725			-.0620	-.1900	-.2710	-.3420	-.3790
.750	-.0720						
.760		.0010					
.775				-.2390	-.3510	-.3730	-.4660
.808	-.0180			-.2510	-.3400		-.4560
.834			-.1740				
.850	-.0130			-.1870	-.2870		
.857			-.1470				
.900							-.5370
.905	-.0620				-.3630	-.4210	
.950				-.2650			-.3920
.953							
.955			-.2190	-.2730	-.3340		

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

TESTING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

$$\text{WACH} (1) = 1.096 \text{ BETAT} (5) = 0.263$$

Y/BM	.299	.364	.427	.534	.673	.785	.857
X/CM	.965	-.2463					

WACH (2) = 1.245 BETAT (1) = -0.15C

Y/BW	.299	.364	.427	.534	.673	.780	.937
X/CU	-.00370	.0110	.4740	.8280	.7530	.7510	.6900
.050				-.1610	-.0560	-.0670	.0210
.081			.0090				
.086		-.0070					
.094	-.0030						
.150			-.2210	-.2550	-.2390	-.2450	-.2630
.177							
.229	-.0610						
.246		-.1440					
.250				-.3720	-.3760	-.3680	-.3990
.362	-.1160			-.4360	-.4920		-.4000
.400			-.3550				
.402							
.497	-.0990			-.4650	-.5810		-.5550
.550			-.3890			-.6170	
.565							
.600							
.650							
.700	-.2800			-.1890	-.6250		
.725						-.6100	-.5730
.750			-.0890				
.760				-.0860	-.4920		
.775			-.0550				
.833							
.834	.0130						
.850							
.857			-.0010	-.0270	-.3230	-.5480	
.865	-.0370						-.4500
.900	.0260			.0000			
.905							
.950				.0130	-.1610	-.2080	
.953			.0330				
.965	.0080						
Y/BW	.299	.364	.427	.534	.673	.780	.937
X/CU	-.00370	.0110	.4740	.8280	.7530	.7510	.6900
.050				-.1610	-.0560	-.0670	.0210
.081			.0090				
.086		-.0070					
.094	-.0030						
.150			-.2210	-.2550	-.2390	-.2450	-.2630
.177							
.229	-.0610						
.246		-.1440					
.250				-.3720	-.3760	-.3680	-.3990
.362	-.1160			-.4360	-.4920		-.4000
.400			-.3550				
.402							
.497	-.0990			-.4650	-.5810		-.5550
.550			-.3890			-.6170	
.565							
.600							
.650							
.700	-.2800			-.1890	-.6250		
.725						-.6100	-.5730
.750			-.0890				
.760				-.0860	-.4920		
.775			-.0550				
.833							
.834	.0130						
.850							
.857			-.0010	-.0270	-.3230	-.5480	
.865	-.0370						-.4500
.900	.0260			.0000			
.905							
.950				.0130	-.1610	-.2080	
.953			.0330				
.965	.0080						
Y/BW	.299	.364	.427	.534	.673	.780	.937
X/CU	-.00370	.0110	.4740	.8280	.7530	.7510	.6900
.050				-.1610	-.0560	-.0670	.0210
.081			.0090				
.086		-.0070					
.094	-.0030						
.150			-.2210	-.2550	-.2390	-.2450	-.2630
.177							
.229	-.0610						
.246		-.1440					
.250				-.3720	-.3760	-.3680	-.3990
.362	-.1160						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(35425)

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

DEFLECT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = 1.249 BETAT (3) = .020

Y/BL X/OL	.299	.364	.427	.504	.573	.780	.897
.593							
.565							
.603							
.653							
.703							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.903							
.925							
.930							
.953							
.965							

MACH (2) = 1.231 BETAT (4) = .4110

Y/BL X/OL	.299	.364	.427	.534	.573	.780	.897
.000							
.030							
.050							
.081							
.096							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.5							
.5							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

APES 11-707 1A9 Q2A + S3 + T9 UPPER WING (RBM25)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP			
MACH (2) = 1.251	BETAT (4) = 4.110	Y/BW X/CW	.299	.364	.427
		.808			-.1500
		.834	.1090		
		.850			-.1010
		.857			-.1150
		.865	-.1740		-.1360
		.900	-.1510	-.0930	
		.905			-.1390
		.950		-.0710	-.0330
		.953			.0210
		.965	-.1090		-.0760
MACH (2) = 1.248	BETAT (5) = 8.200	Y/BW X/CW	.299	.364	.427
		.000			.534
		.050	-.4500	-.1850	.1720
		.081			.4930
		.086			.4420
		.084	-.1590	-.0150	-.1120
		.150			-.0490
		.177			-.0750
		.229	-.0930		-.0390
		.246		-.0020	
		.250			-.1540
		.362	-.0040		-.1980
		.400			-.2660
		.402			-.3000
		.497	-.0500		-.2030
		.550			-.2730
		.565			-.3170
		.600			-.3980
		.650			-.4250
		.700	-.0470		-.3090
		.725			-.3480
		.750			-.2530
		.760			-.1050
		.775			-.3260
		.808			-.0840
		.834			
		.850			-.3220
		.857	-.1110		-.1960
		.865			-.1370
		.900			-.2370
		.905			-.3400
		.950			-.1410
		.953			-.1920
		.955			-.1570
					-.1660
					-.1570
					-.1740
					-.1440
					-.1510
					-.1490
					-.1320
					-.1150
					.0020
					-.0120
					-.1310

TABULATED PRESSURE DATA - 1A9A

DATE 21 SEP 73

(RBM125)

AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = 1.248 BETAT (5) = 0.200

	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CN	.965	-.1690						

AMES 11-757 1A9 C2A + S3 + T9 UPPER WING

(RBMJ26) (27 APR 73)

REFERENCE DATA

SREF =	2.4210	SG.FT.	XRP =	28.5900	INCHES
LREF =	39.8490	INCHES	YRP =	.0000	INCHES
BREF =	39.8490	INCHES	ZRP =	.0000	INCHES
SCALE =	.0300	SCALE			

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.599 BETAT (1) = -8.210

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1130	-.0340	.4840	.7230	.6440	.6530	.4810
.050				-.3550	-.4020	-.4170	-.3280
.081			-.1690				
.094		-.0480					
.150	-.0330						
.177			-.3980	-.5230	-.5090	-.5390	-.5710
.229	-.1100						
.246		-.1630					
.250				-.5780	-.6330	-.6520	-.6830
.362	-.0520			-.6090	-.7370		-.7190
.402			-.5070				
.497	-.1640			-.6140	-.7840		
.550			-.2280				-.7520
.565							
.600				-.1950	-.5140	-.8070	
.650							
.700	-.1160					-.5700	-.6430
.725							
.750			-.1060				
.760							
.775			-.1090	-.1550	-.4230		
.808							
.834	-.0280						
.850				-.0760	-.2460	-.4030	
.857			-.1620				-.4290
.865	-.1160						
.900	-.0620			.0220			
.905							
.950			-.0220	.0410	.1200	-.3250	
.953							
.965	-.0170						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2280	-.1240	.4180	.6650	.5900	.5950	.4380
.050				-.3410	-.2950	-.3330	-.3300
.081			-.1540				
.086		-.0830					
.094							
.1020							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 UPPER MING

(RBM126)

SECTION (1) UPPER MING

MACH (1) = 1.100	BETAT (3) = .020	Y/BW X/CW	DEPENDENT VARIABLE CP	.364	.427	.534	.673	.780	.887
.550									
.565									
.600									
.650									
.700									
.725									
.750									
.760									
.775									
.808									
.834									
.850									
.857									
.865									
.900									
.905									
.950									
.953									
.965									

MACH (1) = 1.101 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.452							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AXES 11-707 1A9 02A + S3 + T9 UPPER WING

(RSM126)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.808			-.2590				
.834	-.1990						
.850				-.2430	-.2820	-.2080	
.857			-.2520				
.865	-.2910						
.900	-.2610			-.2390			-.0470
.905			-.2400				
.950				-.1690	-.1010	-.0690	
.953			-.1790				
.965	-.2010						

MACH (1) = 1.098 BETAT (5) = 8.260

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.500	-.6260	-.0900	.1180	.4120	.3700	.3990	.2780
.550				-.3260	-.1780	-.2260	-.2650
.581			-.0460				
.586		.0110					
.594	-.1890						
.150			-.1140				
.177				-.2590	-.3380	-.4240	-.4870
.229	.0420						
.246		.0140					
.250				-.2910	-.3970	-.4520	-.5720
.362	.0070			-.2350	-.2890		-.5200
.400			-.1860				
.402							
.497	-.0620						
.550			-.1940				
.565				-.2050	-.2980		
.600							
.650							-.4650
.700	-.1020						
.725				-.2730	-.3750		
.750							
.760			-.2530				
.775				-.2910	-.3460		
.808			-.2760				
.834	-.1210						
.850				-.2800	-.3060	-.2750	
.857			-.2820				
.865	-.3040						
.900	-.2770			-.2750			-.1360
.905			-.2570				
.950				-.2150	-.1590	-.0980	
.953			-.2300				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
 AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM126)

SECTION (1) UPPER WING

MACH (1) = 1.098 BETAT (5) = 0.260

DEPENDENT VARIABLE CP	
Y/BW	.299
X/CW	-.2560
	.965

MACH (2) = 1.247 BETAT (1) = -0.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
	.000	-.0420	-.0040	.5230	.8170	.7330	.7410
	.090			-.1660	-.1600	-.1830	-.1240
	.081		-.0570				
	.086		-.0270				
	.094						
	.150						
	.177						
	.229						
	.246						
	.250						
	.362						
	.400						
	.402						
	.497						
	.550						
	.555						
	.600						
	.650						
	.700						
	.725						
	.750						
	.760						
	.775						
	.808						
	.834						
	.850						
	.857						
	.865						
	.900						
	.905						
	.950						
	.953						
	.965						

MACH (2) = 1.290 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
	.000	-.1410	-.1110	.3710	.7510	.6660	.6730
	.050				-.1660	-.1410	-.1780
	.081						
	.086						
	.094						

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

AMES 11-707 IAS OCA + S3 + T9 UPPER WING

(RMV026)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (2) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.190							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.890							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.897							
.3030							
.2270							
.3450							
.1950							
.1740							
.2170							
.1600							
.0720							
.0990							
.1530							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.299							
.364							
.427							
.534							
.673							
.780							
.897							
.3030							
.2270							
.3450							
.1950							
.1740							
.2170							
.1600							
.0720							
.0990							
.1530							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

MACH (2) = 1.248 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.299							
.364							
.427							
.534							
.673							
.780							
.897							
.3030							
.2270							
.3450							
.1950							
.1740							
.2170							
.1600							
.0720							
.0990							
.1530							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

AVES 11-707 IA9 Q2A + S3 + T9 UPPER WING

(RBN026)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (3) = .020

Y/BW X/QW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700	-.1990						
.725							
.750							
.760							
.775							
.808							
.834	-.0880						
.850							
.857							
.865	-.1560						
.900	-.1190						
.905							
.950							
.953							
.965	-.1120						

MACH (2) = 1.246 BETAT (4) = 4.100

Y/BW X/QW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

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ANES 11-707 IA9 O2A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

(REV. 26)

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.100

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808							
.834							
.855							
.857							
.855							
.870							
.895							
.950							
.953							
.965							

MACH (2) = 1.247 BETAT (5) = 8.200

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.090							
.081							
.086							
.094							
.150							
.277							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.620							
.650							
.730							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.920							
.905							
.950							
.953							

DATE 21 SEP 73

TABLATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REV 226)

SECTION (1) UPPER WING

DEPENDENT VARIABLE C_F

MACH (2) = 1.247 SETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.673	.750	.897
X/CL	.965	-.1940					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

PAGE 2348
(CONT'D) 121 SEP 73

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 UREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0330 SCALE

SECTION (1) UPPER WING

MACH (1) = 1.099 BETAT (1) = -8.200

DEPENDENT VARIABLE OF

Y/B4	.289	.364	.427	.534	.673	.751	.857
Y/C4	.000	.000	.000	.000	.000	.000	.000
.050	-.1320	-.0670	.4240	.6760	.6350	.5350	.3350
.081			-.2950	-.5320	-.5170	-.5270	-.5550
.096		-.0550					
.094	-.0550						
.150				-.6000	-.6150	-.6340	-.6550
.177			-.6950				
.229	-.1150						
.245		-.2930					
.253				-.6870	-.7040	-.7250	-.7450
.362	-.0770			-.6650	-.7050		-.7700
.400			-.5360				
.422							
.497	-.1880			-.5410	-.8270		
.550			-.3360				-.5510
.565						-.6720	
.600					-.5730		
.650	-.2430			-.1680		-.6590	-.5550
.700							
.725							
.750			-.1330	-.0590	-.6450		
.750							
.775			-.0630				
.808							
.834	-.0490			-.0100	-.3630	-.5270	
.850			.0050				
.857							
.865	-.1250						-.5550
.900	-.0050		.0670				
.905				.0150	-.2570	-.6770	
.950			.0980				
.953							
.955	.0790						
Y/B4	.289	.364	.427	.534	.673	.751	.857
X/C4							
.100	-.2750	-.1850	.7550	.6270	.5520	.5450	.3710
.150				-.6570	-.6910	-.6910	-.5510
.151			-.2270				
.056		-.1020					
.094							

MACH (1) = 1.099 BETAT (2) = -4.090

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TABULATED PRESSURE DATA - IAGA

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SECTION (1) UPPER WING

AVES 11-707 IAG 02A + S3 + T9 UPPER WING

(REV 27)

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (2) = -4.090

Y/B X/CM	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.433							
.402							
.497							
.550							
.565							
.600							
.653							
.700							
.725							
.750							
.775							
.803							
.834							
.850							
.897							
.865							
.920							
.955							
.950							
.953							
.955							

MACH (1) = 1.100 BETAT (3) = .020

Y/B X/CM	.299	.364	.427	.534	.673	.780	.887
.020							
.050							
.051							
.055							
.034							
.050							
.077							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

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TABULATED PRESSURE DATA - 1A9A

(85427)

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.800							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.965							
Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.800							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.965							
Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.800							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.965							

MACH (2) = 1.099 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.800							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.965							
Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.800							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.965							
Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.800							
.834							
.850							
.857							
.855							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBMU27)

AVES 11-707 1A9 O2A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (4) = 4.140

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.930							
.953							
.965							

MACH (1) = 1.100 BETAT (5) = 8.260

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.253							
.362							
.403							
.402							
.497							
.550							
.565							
.610							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.910							
.915							
.950							
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBM27)

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	-.2670					

MACH (2) = 1.249 BETAT (1) = -8.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0610	-.0290	.5010	.7840	.7030	.7050	.5280
.050				-.3100	-.2970	-.2970	-.2500
.081			-.1580				
.086		-.0460					
.094		-.0410					
.150				-.4130	-.3930	-.4320	-.4380
.177			-.4070				
.229	-.0750						
.246		-.1830					
.250				-.5240	-.5100	-.522	-.5420
.362	-.1430			-.5730	-.5980		-.5960
.400			-.4350				
.402							
.497	-.1360						
.550			-.4630				
.565							
.600							
.650						-.6670	-.6650
.720	-.3730			-.4040			
.725							
.750						-.6510	-.6440
.760			-.2210				
.775				-.2570	-.5870		
.808			-.1740				
.834	-.0330						
.850				-.0950	-.4480	-.5550	
.817				-.1040			
.865	-.0670						
.900	-.0380						
.905				-.0350			-.6050
.950					-.3210	-.3840	
.953			.0280				
.965	-.0320						

MACH (2) = 1.247 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2050	-.1780	.3800	.7110	.6330	.6300	.4680
.050				-.3130	-.300	-.3210	-.2680
.061			-.1690				
.086		-.1150					
.094							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM027)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

WACH (2) = 1.249 BETAT (3) = .020

Y/BW X/QW	.299	.364	.427	.534	.673	.780	.887
.550			-.3990				
.565				-.4550	-.6060		-.6610
.600						-.6720	
.650							
.700	-.2880			-.2090	-.5680		
.725							
.750							
.760							
.775							
.808							
.834	-.0970						
.850							
.857							
.865	-.1740						
.920	-.1330						
.945							
.950							
.953							
.965	-.1320						
.970							
.980							
.985							
.990							
.995							
1.000							
1.050							
1.081							
1.086							
1.094							
1.100							
1.177							
1.229							
1.246							
1.250							
1.362							
1.400							
1.472							
1.497							
1.550							
1.585							
1.600							
1.650							
1.700							
1.725							
1.750							
1.760							
1.775							

WACH (2) = 1.251 BETAT (4) = 4.110

Y/BW X/QW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.920							
.945							
.950							
.953							
.965							
.970							
.980							
.985							
.990							
.995							
1.000							
1.050							
1.081							
1.086							
1.094							
1.100							
1.177							
1.229							
1.246							
1.250							
1.362							
1.400							
1.472							
1.497							
1.550							
1.585							
1.600							
1.650							
1.700							
1.725							
1.750							
1.760							
1.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RSMU27)

SECTION (1) UPPER WING

DEPENDENT VARIABLE Cp

MACH (2) = 1.251 BETAT (4) = 4.110

Y/BW X/Cu	.299	.364	.427	.534	.673	.780	.887
.808			-.1550				
.834	-.1420						
.850				-.1340	-.2140	-.3020	
.857			-.1360				
.865	-.2050						
.900	-.1810			-.1300			-.5330
.905			-.1270				
.950				-.0980	-.0760	-.1610	
.953			-.1090				
.965	-.1300						

MACH (2) = 1.246 BETAT (5) = 8.210

Y/BW X/Cu	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.4690	-.2670	.0470	.4090	.3450	.3900	.2470
.081				-.2960	-.3140	-.3780	-.3380
.086			-.0920				
.094		-.1150					
.150							
.177			-.1720	-.2910	-.3690	-.4330	-.4840
.229							
.245							
.250			-.0670				
.362				-.3320	-.4270	-.4990	-.5480
.400		-.0210					
.400				-.3980	-.4640		-.5720
.402			-.3420				
.497		-.1080					
.550				-.2940	-.5140		
.565			-.2320				
.600							
.650							-.6330
.700	-.1460					-.5970	
.725				-.1870			
.750							
.760			-.1800			-.3920	-.5970
.775				-.1980	-.2660		
.808			-.2080				
.834	-.1520						
.850				-.1870	-.2050	-.2700	
.857			-.1960				
.865	-.2210						
.900	-.2100			-.1890			-.3550
.905			-.1860				
.950				-.1710	-.1260	-.1370	
.953			-.1730				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2355

(REMU27)

AVES 11-707 149 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 8.210

Y/BW .259
X/CW .965

.7803

.673

.534

.427

.364

.259

.965

-.1980

.887

TAB. 10. ATEC PRESSURE DATA - 1A9A

(b)(7)(D)

AVES 11-757 1A9 02A + S3 + T9 UPPER WING

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

$$\max (1) = 1.999 \quad \text{STAT} (3) = .920$$

.427	.534	.673	.780	.887
- .3770	-.0219	-.7650		
			-.5900	-.5470
		-.4160		
-.2260	-.2660		-.4770	-.5550
-.2300	-.1760	-.2580		
			-.5000	
-.1570	-.0910	-.1880		
				-.5490
			-.0500	
-.0690				
	-.0340	-.1460		
-.0160				

$$\text{WACH (1)} = 1.152 \text{ BETAT (4)} = 4.150$$

Y7B4	.299	.364	.427	.534	.673	.785	.867
X7Q4	-.5980	-.2970	.0800	.4400	.3840	.3750	.1100
.070				-.5130	-.5920	-.6240	-.6300
.090			-.2520				
.081							
.096	-.0620						
.094	-.3760			-.4550	-.5970	-.6940	-.7570
.150			-.2760				
.177							
.229	-.0570						
.246		-.1140					
.250				-.4660	-.6210	-.7350	-.8170
.362	-.0820			-.5270	-.6330		-.7950
.400			-.4210				
.402							
.497	-.1510			-.2090	-.6310		
.550			-.2460				
.555							
.600							
.650							
.750	-.1610					-.4610	
.725				-.2890	-.3850		
.750							
.750			-.2590	-.2980	-.2300	-.3120	-.6300
.775							

TABULATED PRESSURE DATA - 1A9A

TABULATED PRESSURE DATA - 1A9A

ACC 11-202 1A9 CPA + \$3 + T9 UPPER WING

(R84428)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

$\text{WACH} (1) = 1.102 \text{ BETAT} (4) = 4.150$

X/BW	.299	.364	.427	.534	.673	.783	.883
X/CW			-.2893				
.808							
.834	-.2263			-.2693	-.1273	-.2933	
.857							
.857			-.2873				
.865	-.3123						-.6333
.933	-.2753			-.1883			
.935							
.953			-.2713		-.0383	-.1973	
.953				-.1993			
.965	-.1953		-.1353				

MACH (1) = 1.099 BETAT (5) = 8.280

Y/B/L X/CW	.299	.364	.427	.534	.675	.765
.000	-.6530	-.1890	-.0260	.2420	.1570	.2320
.050				-.4830	-.6120	-.6780
.081			-.1430			
.086		-.1020				
.094	-.3410			-.3670	-.4720	-.6420
.150			-.2340			-.7110
.177						
.229	.0190					
.246		-.0980				
.250				-.4010	-.5430	-.6460
.362	.0040			-.4830	-.5880	-.7630
.470			-.4230			
.492						
.497	-.1510					
.550			-.2640	-.2380	-.3750	-.4930
.565						
.600						
.650						
.700	-.1370			-.2880	-.3710	-.4710
.725						
.750			-.2710			
.760				-.3040	-.3500	
.775			-.2690			
.808						
.834	-.2030			-.2930	-.2800	-.3920
.850			-.3090			
.857						
.865	-.3140			-.2840		-.2630
.900	-.2840		-.2760			
.905				-.1960	-.1180	-.0790
.940			-.2990			
.953						

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING (23428)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.280

Y/BM X/CN	.299	.364	.427	.534	.673	.730	.887
.965	-.2790						

MACH (2) = 1.248 BETAT (1) = -8.130

Y/BM X/CN	.299	.364	.427	.534	.673	.730	.887
.000	-.1040	-.0780	.4390	.7530	.6740	.6820	.4320
.050			-.3970	-.3820	-.3800	-.3830	
.081			-.2690				
.086			-.0710				
.094			-.0420				
.150				-.2840	-.4850	-.5140	-.5230
.177			-.6990				
.229			-.0790				
.246			-.2310				
.250				-.5790	-.5710	-.5920	-.5980
.362			-.1540	-.6340	-.6450		-.6340
.411				-.4680			
.412			-.1620				
.497				-.6410	-.6950		
.550			-.5590				
.565							
.600							
.650						-.6290	-.6430
.730			-.4110		-.6230		
.725				-.4040			
.750						-.5710	-.5760
.760			-.2790				
.775			-.2070		-.3580	-.5780	
.808							
.834			-.0540		-.2480	-.5110	-.5170
.850							
.857			-.1170				
.865			-.1090		-.1450		-.4880
.910			-.0610				
.905				-.0470	-.0610	-.4090	-.4450
.950							
.953							
.965			-.0180				

MACH (2) = 1.231 BETAT (2) = -4.560

Y/BM X/CN	.299	.364	.427	.534	.673	.730	.887
.000	-.2410	-.2590	.3370	.6560	.5940	.5870	.2520
.050				-.4170	-.4040	-.4050	-.3850
.081			-.2840				
.086			-.1420				
.194			-.1160				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2933

AXES 11-707 1A9 02A + S3 + 79 UPPER WING

(REV 028)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .010

Y/DA X/DA	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = 1.245 BETAT (4) = 4.120

Y/DA X/DA	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.555							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REV 28)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120

Y/DA X/DA	.299	.364	.427	.534	.673	.780	.887
.808							
.834	-.1570		-.1780				
.850				-.1660	-.2470	-.4230	
.857			-.1620				
.865	-.2020			-.1560			-.6010
.900	-.1470		-.1480	-.1280	-.1540	-.2520	
.955			-.1300				
.950							
.953							
.965	-.1490						

MACH (2) = 1.245 BETAT (5) = 8.230

Y/DA X/DA	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.4770	-.3030	-.0220	.3150	.2810	.3480	.4510
.082			-.1250	-.3970	-.4330	-.4820	-.4530
.096		-.0990					
.094		-.4980		-.3270	-.4470	-.4900	-.5400
.150			-.2130				
.177		-.0250					
.222		-.1250					
.245				-.3550	-.4750	-.5960	-.6430
.280		-.0290		-.4220	-.5140		-.5510
.400			-.3540				
.422		-.1330		-.3570	-.5480		-.6530
.497			-.2690			-.6330	
.580							
.555							
.600							
.630		-.1910		-.2240	-.3670		-.6520
.700							
.725							
.750			-.2170			-.4540	-.6520
.760				-.2200	-.3280		
.775			-.2450				
.808							
.834	-.1700			-.2100	-.2480	-.3070	
.850							
.857			-.2200				
.865	-.2460			-.2100			-.4460
.900	-.2240						
.955			-.2070		-.1430	-.2320	
.950			-.1950				
.953							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING (RBM28)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP			
MACH (2) = 1.245	BETAT (5) = 8.230	Y/BW	.299	.364	.427
		X/CW	.965	-.2180	
				.534	.673
				.780	.887

DATE 21 SEP 73 (RBM29) (27 APR 73)

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + 19 UPPER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
EREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
RUDDER = -10.000 ELEVON = .500
RUDFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING	Y/BW	.299	.364	.427	.534	.673	.780	.887
MACH (1) = 1.096 BETAT (1) = -8.160	X/CW	-.2550	-.2820	.2850	.6000	.5010	.4550	.1340
	.000				-.6940	-.7030	-.7190	-.7340
	.050							
	.081							
	.096							
	.094							
	.150							
	.177							
	.229							
	.245							
	.250							
	.362							
	.400							
	.402							
	.437							
	.550							
	.565							
	.600							
	.650							
	.700							
	.725							
	.750							
	.760							
	.775							
	.808							
	.834							
	.850							
	.857							
	.865							
	.900							
	.905							
	.950							
	.953							
	.965							
	Y/BW	.299	.364	.427	.534	.673	.780	.887
MACH (1) = 1.096 BETAT (2) = -4.070	X/CW	-.4320	-.4990	.1730	.5330	.4590	.4140	.5650
	.000				-.6870	-.6960	-.7190	-.7250
	.050							
	.081							
	.086							
	.084							
	.150							
	.177							
	.229							
	.245							
	.250							
	.362							
	.400							
	.402							
	.437							
	.550							
	.565							
	.600							
	.650							
	.700							
	.725							
	.750							
	.760							
	.775							
	.808							
	.834							
	.850							
	.857							
	.865							
	.900							
	.905							
	.950							
	.953							
	.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RS-229)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (4) = 4.150

Y/BX X/CL	.299	.364	.427	.534	.673	.783	.897
.808			-.3140				
.834	-.2490						
.850				-.1330	-.2720	-.4970	
.857			-.1940				
.865	-.3350						
.900	-.2810			-.1210			-.5480
.905			-.1490				
.950				-.0920	-.2340	-.4340	
.953			-.0670				
.965	-.0720						

Y/BX X/CL	.299	.364	.427	.534	.673	.780	.887
.000	-.6720	-.2510	-.1570	.1220	.1940	.2550	-.0650
.050				-.6380	-.7290	-.7450	-.7740
.081			-.1850				
.086		-.1780					
.094	-.7180						
.150			-.2930	-.4090	-.5690	-.7990	-.8490
.177							
.229	.0190						
.245		-.1610					
.250				-.4280	-.5970	-.8020	-.8880
.382	-.0150			-.5110	-.6310		-.7380
.400			-.5030				
.402							
.497	-.1860			-.2930	-.4590		
.550			-.2880				
.565							
.600							
.650							-.7150
.700	-.1740				-.3980	-.3920	
.725				-.3380			
.750							
.760			-.3090				-.3640
.775				-.3510	-.2750		
.809			-.3220				
.834	-.2490						
.850				-.3380	-.1940	-.3280	
.857			-.3040				
.865	-.3320						
.900	-.3050			-.2790			-.6400
.905			-.3030				
.950				-.1380	-.1370	-.2130	
.953			-.2610				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-737 1A9 02A + S3 + T9 UPPER WING

(25V23)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP								
MACH (1) = 1.098 BETAT (5) = 0.310		Y/EA	.299	.354	.427	.534	.673	.780	.897	
		X/CA	.565	-.2940						
MACH (2) = 1.247 BETAT (2) = -0.100		Y/EA	.299	.354	.427	.534	.673	.780	.897	
		X/CA								
		.100	-.1220	-.1540	.3970	.7220	.6300	.6140	.3220	
		.050			-.3430	-.4640	-.4590	-.4560	-.4680	
		.031		-.1000						
		.035	-.1020			-.5480	-.5510	-.5790	-.5870	
		.037			-.5730					
		.229	-.1960							
		.246	-.2700			-.6270	-.6370	-.6500	-.6560	
		.253				-.6610	-.6910		-.6800	
		.362	-.1460							
		.400			-.5250					
		.412				-.6710	-.6690			
		.497	-.1890		-.5350				-.6580	
		.551						-.6340		
		.565				-.4630		-.5900	-.6970	
		.600								
		.650	-.4470							
		.700			-.2990	-.3690	-.6170			
		.725			-.1990					
		.750								
		.760				-.3840	-.5750	-.5510		
		.775			-.1490					
		.809	-.1350			-.3660			-.6720	
		.855	-.0610		-.1160					
		.910			-.2630	-.2530	-.4690	-.4860		
		.950								
		.953	-.0140							
		.955								
		Y/EA	.299	.354	.427	.534	.673	.780	.897	
		X/CA								
		.100	-.2970	-.3220	.2440	.6310	.5630	.5330	.2440	
		.050			-.3840	-.4850	-.4310	-.4930	-.4970	
		.031								
		.035		-.1870						
		.037								
		.229	-.1170							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMU23)

SECTION: (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.040

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.412							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.800							
.824							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.887							
.4120							
.3090							
.1550							
.3970							
.2160							
.1900							
.2150							
.2440							
.1500							
.181							
.186							
.094							
.150							
.177							
.223							
.246							
.250							
.362							
.400							
.412							
.497							

MACH (2) = 1.249 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.412							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.800							
.824							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.887							
.4120							
.3090							
.1550							
.3970							
.2160							
.1900							
.2150							
.2440							
.1500							
.181							
.186							
.094							
.150							
.177							
.223							
.246							
.250							
.362							
.400							
.412							
.497							

DATE 21 SEP 73

Y/200-1ATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBY-29)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

WACH (2) = 1.249 BETAT (3) = .021

Y/BX	Y/CX	.299	.364	.427	.534	.673	.780	.897
.550								
.565								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.865								
.900								
.905								
.950								
.953								
.965								
.550								
.565								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.865								
.900								
.905								
.950								
.953								
.965								

WACH (2) = 1.249 BETAT (4) = 4.130

Y/BX	Y/CX	.299	.364	.427	.534	.673	.780	.897
.000								
.050								
.081								
.086								
.094								
.150								
.177								
.229								
.246								
.250								
.362								
.400								
.402								
.497								
.550								
.565								
.600								
.650								
.700								
.725								
.750								
.760								
.775								

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A
 ANES 11-707 IA9 Q2A + S3 + T9 UPPER WING

(RMU29)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249	BETAT (4) = 4.130	Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
		.808			-.2170				
		.834	-.1770						
		.855				-.1890	-.2850	-.5890	
		.857			-.2060				
		.865	-.2380						-.5440
		.900	-.1920			-.1730			
		.905			-.1880				
		.950				-.1390	-.1650	-.4650	
		.953			-.1580				
		.965	-.1510						

MACH (2) = 1.246 BETAT (5) = 8.250

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4760	-.3800	-.0890	.2570	.2790	.3110	.0880
.050				-.5000	-.5430	-.5480	-.5450
.081			-.1590				
.086		-.1490					
.094	-.5520						
.150				-.3730	-.5630	-.6230	-.6390
.177			-.2510				
.229	-.0340						
.246		-.1720					
.250				-.3780	-.5670	-.6680	-.6940
.362	-.0260			-.4380	-.5430		-.7130
.400			-.3990				
.402							
.497	-.1520			-.3830	-.5750		
.550			-.3280				
.565							-.7230
.600						-.6780	
.650							
.700	-.2260				-.4170		
.725				-.2630			
.750						-.5450	-.7570
.760			-.2380				
.775			-.2610				
.808							
.834	-.1840						
.850				-.2530	-.3100	-.2830	
.857			-.2370				
.865	-.2620						-.5750
.900	-.2430						
.905			-.2220				
.950				-.2280	-.1670	-.1970	
.953			-.2090				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

CSN-231

SECTION: (1) UPPER WING

DEPENDENT VARIABLE C_p

W/CH (2) = 1.246 BETAT (5) = 5.250

Y/CM
X/CM

.239
.965

.537

.733

.573

.534

.427

.264

.239

.965

-.2370

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(R084050)

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (2) = -4.080

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.190				-.0250	.0290	-.0330	-.0380
.177			.1170				
.229	-.0330						
.246		.1610		-.0490	-.1130	-.0810	-.1570
.250							
.362	.0180			-.0870	-.0920		-.2520
.425							
.402			-.0660				
.497	.0750			-.0390	-.1790		
.550							
.565							
.600							
.650							-.4310
.700	.0820			-.1300	-.2580		
.725						-.3110	-.3800
.750							
.760							
.775							
.806							
.834							
.850							
.857	-.0170			-.0790	-.1510	-.2000	
.865							
.900	-.1080			-.0130			-.0400
.905	-.0180						
.950			.0210	.0870	.0260	.0310	
.953							
.965	.0480						

MACH (1) = 1.102 BETAT (3) = .020

Y/BW X/CW	.299	.764	.427	.534	.673	.780	.887
.000	-.2620	-.3610	.3430	.4880	.4030	.3140	.2540
.090				.2940	.3060	.3190	.3190
.081			.2460				
.086		-.0320					
.094	-.0520			.1010	.0580	.0290	.0390
.190							
.177			.1480				
.229	-.0610						
.246		.1390					
.250				-.0300	-.0440	.0130	-.1580
.362	.0020						
.400				-.0480	-.0890		-.2450
.402							
.497	.1120			-.0610			

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(R300000)

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = 1.102 BETAT (3) = .020

Y/BW
X/CX

.550	.299	.364	.427	.534	.673	.780	.887
.565			-.0440	-.0630	-.1790		
.600						-.3290	-.4210
.650	.0490				-.2820		
.700				-.1940		-.3260	-.3810
.725							
.750							
.760				-.1250			
.775				-.1770	-.2610		
.808				-.1540			
.834	-.0720						
.850				-.1430	-.2040	-.2490	
.857				-.1280			
.865	-.1950						
.900	-.0870			-.0990			-.1220
.905							
.950				-.0150	-.0530	-.0520	
.953							
.965	-.0440						

MACH (1) = 1.100 BETAT (4) = 4.160

Y/BW
X/CX

.000	.299	.364	.427	.534	.673	.780	.887
.050	-.3590	-.3980	.2910	.4050	.2840	.4810	.1170
.090				.3230	.3280	.3230	.3110
.131		.0070	.2920				
.186							
.194	-.0840			.1610	.1190	.0520	.0530
.150							
.177			.2110				
.229	-.0690						
.246		.1490					
.250				.0270	-.0010	.0280	-.0650
.362	.0280						
.400				-.0590	-.0810		-.2350
.402			.0370				
.497	.1630						
.550				-.0850	-.1060		
.565							
.620							-.4130
.650						-.3340	
.700	.0310				-.3000		
.725				-.2390			
.750						-.3400	-.4110
.760							
.775				-.1740	-.2260	-.2890	

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1AS Q2A + S3 + T9 UPPER WING

TEMPERATURE

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (4) = 4.160

Y/B₄
X/C₄

.808
.834
.850
.857
.863
.866
.875
.890
.905
.920
.935
.950
.965

.299
-.1140
-.2430
-.1700
-.1510
-.1260
-.0940

.364
.427
.534
.673
.750
.827
.897

-.2030
-.1930
-.1720
-.1510
-.1260
-.0940

MACH (1) = 1.102 BETAT (5) = 8.310

Y/B₄
X/C₄

.299
-.1470
-.3940
-.1040
-.0990
-.1010
-.1740
-.0820
-.0660
-.0390
-.1260
-.2470
-.1890
-.1760
-.1160

.364
.427
.534
.673
.750
.827
.897

-.2030
-.1930
-.1720
-.1510
-.1260
-.0940

-.2030
-.1930
-.1720
-.1510
-.1260
-.0940

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2379

AMES 11-707 1A9 OGA + S3 + T9 UPPER WING

(RBNL50)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.102 BETAT (5) = 8.310

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	-.1210					

MACH (2) = 1.244 BETAT (1) = -8.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	.0110	-.0780	.2940	.6720	.6370	.6160
	.050				.2730	.3240	.3630
	.081			.1980			.3870
	.066	.0560					
	.094	.0830					
	.157			-.0030	.0180	-.0020	.0020
	.177		.0340				
	.229	.0240					
	.246	-.0230					
	.250			-.1230	-.1280	-.1020	-.1450
	.362	-.0230		-.2430	-.2500		-.2500
	.400						
	.402			-.2150			
	.497	.0030		-.2770	-.3510		
	.550			-.1030			
	.565						
	.600				-.1640	-.4260	-.4360
	.650	.0560					
	.710			.0250		-.4330	-.4330
	.725						
	.750			.0630			
	.760				.0310	-.0880	
	.775			.0520			
	.808						
	.834	.0970		.0590	-.0060	-.1040	
	.850			.0800			
	.857						
	.865	.0400		.0850			-.2850
	.900	.0820		.0900			
	.925			.1250	.1150	-.0090	
	.930						
	.953	.0780		.1130			
	.965						

MACH (2) = 1.245 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.0820	-.1700	.1340	.5390	.5160	.4920
	.050			.2810	.3170	.3410	.3530
	.081		.1890				
	.066	-.0050					
	.094	.0010					

AMES 11-757 1A9 02A + S3 + T9 UPPER WING

(RBMJ05)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW								
.590					.0200	-.0380		
.565				.0260				
.600								-.4040
.650							-.1360	
.700		.0580			-.0490	-.0980		
.725								-.1480
.750								-.1980
.760				-.0300				
.775					-.0570	-.0990		
.808				-.0420				
.834		.0080						
.850					-.0250	-.0860	-.0670	
.857				-.0240				
.865		-.0920						
.900		-.0020			-.0180			.0090
.905				-.0010				
.950				.0290	.0300	.0170	.0290	
.953								
.965		.0070						

	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW								
.000								
.050		-.2550	-.2330	-.0140	.3900	.3460	.2690	.2470
.080					.2910	.2680	.2610	.2640
.081				.1650				
.086			-.0730					
.094		-.0480						
.150					.0410	.0420	-.0260	.0100
.177				.0930				
.229		-.0420						
.246			-.0830					
.250					-.0360	-.0540	-.0320	-.0850
.362		-.0510						
.400					-.1510	-.1360		-.1200
.402				-.1050				
.497		-.0650						
.550					-.0040	-.0530		
.565				.0000				
.600								-.2220
.650							-.1590	
.700		.0540				-.1320		
.725					-.0800			
.750							-.1580	-.2350
.760				-.0720				
.775					-.3960	-.1010		

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBM450)

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.0890				
.834	-.0270			-.0740	-.0990	-.0990	
.850							
.857							
.865	-.1180			-.0690			-.0690
.970	-.0890						
.975							
.990							
.993							
.965	-.0330						

MACH (2) = 1.247 BETAT (5) = 8.250

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.3860	-.2700	.1370	.3970	.2770	.1650	.1250
.061				.2810	.2510	.2380	.2710
.086		-.1050	.2570				
.094	-.0690						
.190							
.177							
.229	-.0990						
.246		-.0230					
.250							
.362	-.0920						
.400							
.402							
.497	.0420						
.590							
.565							
.600							
.650							
.700	.0750						
.725							
.750							
.760							
.775							
.808							
.834	-.0380						
.850							
.857							
.865	-.1490						
.970	-.1090						
.975							
.990							
.953							

TABULATED PRESSURE DATA - 1A9A

DATE 21 SEP 73

AVES 11-757 1A9 02A + S3 + T9 UPPER WING

(PBM/DG)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = 1.247 BETAT (5) = 8.253

	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	-.0719						

AMES 11-757 1A9 02A + S3 + T9 UPPER WING

(RECEIVED) (27 APR 73)

VALVE EXCHANGE DATA

SEEF = 2.4210 SQ.FT. WREP = 28.5500 INCHES
LREP = 39.8495 INCHES YREP = .0000 INCHES
BREP = 39.8495 INCHES ZREP = .0000 INCHES
SCALE = .0000 SCALE

SECTION - NUMBER 1005

DEPENDENT VARIABLE CP

ADAM (1) = 1.15; BETT (1) = -8.190

20

.7340	.6750	.6510	.5950
.1510	.1910	.1890	.2130

1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805

1000

	-2795	-2795	-3555
	-2795	-2795	-3555

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431
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05697-05701

0687
--2080
-3889

0287- 0161*

09100 00000- 00000

• 5750 •

1450	1330	1200
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534	.573	.780	.897
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16410	.5740	.5440	.4350
1810	.4890	.4030	.2050

ALPHAT =	-6.000	OSGANG =	.000
RUGGER =	-15.000	ELEVEN =	.000
RUDOLF =	.000		

PHARMACEUTIC DATA

$$\text{MACH} (1) = 1.131 \quad \text{BETAT} (2) = -4.390$$

10/10/10

1.6410	.5740	.5440	.4950
1.1810	.4890	.4930	.2750

Figure 6. The effect of the initial concentration of the monomer (C_0) on the polymerization rate at different temperatures. The reaction conditions were as follows: $[AIBN] = 0.008 \text{ mol/L}$, $[M] = 0.001 \text{ mol/L}$, $[KBrO_3] = 0.001 \text{ mol/L}$, $[H_2SO_4] = 0.001 \text{ mol/L}$, $[NaNO_2] = 0.001 \text{ mol/L}$, $[NaClO_2] = 0.001 \text{ mol/L}$, $[H_2O] = 0.09 \text{ mol/L}$.

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TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARKS:)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACA (1) = 1.101 BETAT (2) = -4.090

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.0410		.0670				
.246		.1270					
.290							
.362	-.0080						
.400							
.402							
.497	.0360						
.550							
.600							
.650							
.700	.0710						
.725							
.750							
.765							
.775							
.808							
.834	-.0290						
.850							
.857							
.865	-.1250						
.900	-.0610						
.905							
.950							
.953							
.965	-.0080						
.965							

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.2830	-.2520	.3830	.5470	.4710	.4280	.3630
.081				.1980	.2260	.2360	.2470
.086		.0010	.1780				
.094							
.150	-.0700						
.177							
.229	-.0630						
.246		.1180					
.250							
.362	.0060						
.400							
.402							
.407							

MACA (1) = 1.099 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.2830	-.2520	.3830	.5470	.4710	.4280	.3630
.081				.1980	.2260	.2360	.2470
.086		.0010	.1780				
.094							
.150	-.0700						
.177							
.229	-.0630						
.246		.1180					
.250							
.362	.0060						
.400							
.402							
.407							

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TABULATED PRESSURE DATA - 1A94
AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMJ011)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (3) = .020

Y/BW
X/CW

.590 .594 .673 .780 .887
-.0970 -.2050
-.0520
-.2950
-.2010
-.1240
-.1840
-.1540
-.1540
-.1280
-.1060
-.0590
-.0770
-.0410

-.4480
-.3560
-.3440
-.3980
-.2820
-.0890

MACH (1) = 1.098 BETAT (4) = 4.140

Y/BW
X/CW

.299 .364 .427 .534 .673 .783 .887
-.4020
-.2770
-.0470
-.0980
-.0610
-.1350
-.0270
-.1220
-.0810
-.0150
-.2510
-.3640
-.4210
-.2450
-.3570

.2360
-.2250
-.2890
-.3350
-.2890
-.4450
-.3680
-.4210
-.3570

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ANES 11-707 1A9 02A + S3 + T9 UPPER WING (REMARKS)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098	BETAT (4) = 4.140	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW									
.808					-.2140				
.834			-.1310						
.850						-.2180	-.2810	-.2980	
.857					-.2180				
.865			-.2510						-.1630
.910			-.2010			-.2030			
.935					-.1850				
.950						-.1340	-.1920	-.1410	
.953					-.1240				
.965			-.1400						
MACH (1) = 1.097	BETAT (5) = 8.280	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW									
.070			-.5570	-.2220	.3100	.4320	.3170	.1990	.1180
.090						.2440	.2390	.2350	.2280
.081					.2520				
.086				.0360					
.094			-.1280						
.150						.1090	.0430	-.0280	-.0080
.177					.1670				
.229			-.0080						
.246				.1350					
.250						-.0160	-.0510	-.0040	-.1170
.362			.0470						
.400						-.0660	-.1190		-.2720
.452					-.0180				
.497			.1310						
.550						-.1360	-.2170		
.565					-.0930				
.600									-.4330
.650			.0060				-.3610		
.700						-.2660			
.725							-.3290		
.750								-.3670	-.4240
.760					-.2130				
.775					-.2460				
.808									
.834			-.1540						
.850						-.2420	-.2830	-.3030	
.857					-.2470				
.865			-.2890						-.1780
.900			-.2330						
.905					-.2130				
.950						-.1570	-.1780	-.1630	
.953					-.1610				

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TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AMES 11-707 1A9 02A + S3 + T3 UPPER WING

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = 1.097 BETAT (5) = 0.280

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.1710						

MACH (2) = 1.247 BETAT (1) = -0.140

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.070	-.0030	-.0230	.3140	.6903	.6883	.6870	.6530
.080			.1370	.1970	.2710	.2870	.3180
.091		.0340					
.086							
.094	.0580			-.0320	-.0320	-.0350	-.0350
.150			-.0320				
.177	-.0070						
.229		-.0620					
.246				-.1820	-.1910	-.1680	-.2190
.250							
.362	-.0580			-.2820	-.3220		-.3080
.400			-.2540				
.402							
.497	-.0320		-.1820				
.593						-.4890	-.4740
.600							
.690							
.700	-.0120			-.0160			
.725							
.750						-.4770	-.4680
.760			.0340				
.775			.0330				
.808							
.804	.0740						
.890				.0340	-.0740	-.1710	
.857			.0560				
.865	.0190						
.900	.0570			.0580			-.3310
.905							
.950			.0670	.0380	.0740	-.0640	
.953			.0870				
.965	.0480						

MACH (2) = 1.248 BETAT (2) = -4.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.070	-.0780	-.1270	.1840	.6080	.5520	.5810	.5590
.050				.2070	.2540	.2620	.2880
.081			.1320				
.086		-.0220					
.094	-.0190						

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TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 OCA + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (2) = -4.060

Y/BW X/OW	.299	.364	.427	.534	.673	.783	.887
.190							
.177							
.229							
.246							
.290							
.362							
.400							
.452							
.497							
.590							
.565							
.600							
.690							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.890							
.857							
.865							
.900							
.905							
.990							
.953							
.965							
Y/BW	.299	.364	.427	.534	.673	.783	.887
X/OW							
.000							
.090							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

MACH (2) = 1.251 BETAT (3) = .020

Y/BW X/OW	.299	.364	.427	.534	.673	.783	.887
.000							
.090							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700	.0210						
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							
.299	.364	.427	.534	.673	.780	.887	
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (2) = 1.251 BETAT (4) = 4.120

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

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TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 UPPER WING

(RM4091)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (4) = 4.120

Y/BW X/Cd	.299	.364	.427	.534	.673	.780	.887
.808			-.1070				
.834	-.0450			-.0820	-.1050	-.1030	
.850			-.0850				
.857				-.0670			-.0120
.865	-.1390						
.900	-.1050		-.0720				
.905				-.0250	-.0230	.0000	
.950			-.0380				
.953							
.965	-.0710						

MACH (2) = 1.250 BETAT (5) = 8.230

Y/BW X/Cd	.299	.364	.427	.534	.673	.780	.887
.000			.2550	.4360	.3290	.2590	.2320
.050	-.4170	-.2380		.2280	.2010	.1850	.1810
.081			.2200				
.086		-.1080					
.094	-.0890			.0240	.0280	-.0670	-.0370
.150			.1140				
.177	-.0780						
.229		.0180					
.246				-.0510	-.0980	-.1030	-.1120
.250							
.362	-.0770			-.1450	-.1030		-.1720
.400			-.1070				
.402							
.497	.0520			-.0170	-.0750		
.550							
.565			-.0110				-.2610
.600						-.1970	
.650	.0450			-.1620			
.700							
.725				-.0990		-.2120	-.2840
.750							
.760			-.0960				
.775			-.1230	-.1230	-.1490		
.809							
.834	-.0580			-.1120	-.1450	-.1550	
.850							
.857			-.1160				
.855	-.1610						-.1350
.900	-.1210			-.1100			
.905			-.1060				
.950				-.0770	-.0800	-.0720	
.953			-.0730				

DATE 21 SEP 79 TABULATED PRESSURE DATA - 1A9A

(REMOVED)

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

WACH (2) = 1.235 BETAT (5) = 0.230

Y/BW

.299

.364

.427

.534

.673

.750

.837

X/CW

.963

-.0950

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMJ32) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = .500
 RUDDER = -15.000 ELEVON = .000
 RUDDLR = .000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.200

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1160	-.1030	.5540	.7660	.7140	.6940	.6430
.050			.0650	.0390	.0870	.0930	.1280
.081		.0370					
.086							
.094	-.0070						
.130							
.177			-.0660	-.1790	-.2160	-.2550	-.2870
.229	-.0470						
.246		.1080					
.250				-.3030	-.3750	-.3680	-.4340
.362	.0410						
.400				-.4180	-.4810		-.5090
.402			-.3620				
.497	-.0190						
.550				-.0570	-.5580		
.565			-.0370				
.600						-.6320	-.6490
.650					-.2200		
.700	.0900			-.1040			
.725						-.2950	-.6210
.750							
.760			-.0420				
.775				-.1050	-.1680		
.803							
.834	.0100						
.850				-.0310	-.0240	-.0770	
.857							
.865	-.0710						
.900	-.0310			.0200			-.1490
.905							
.950			-.0120	.0690	.1110	.0820	
.953			.0720				
.965	.0390						

MACH (1) = 1.090 BETAT (2) = -4.090

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1940	-.1530	.4780	.6780	.6150	.5940	.5380
.050				.0380	.0810	.0760	.1090
.081			.1030				
.086							
.094		-.0130					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 (2A + S3 + T9 UPPER WING

(R04K02)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (2) = -4.090

Y/BW
X/CW.150
.177
.229
.246
.250
.362
.400
.402
.497
.550
.565
.600
.650
.700
.725
.750
.760
.775
.808
.834
.850
.857
.865
.900
.905
.950
.953
.965.299
.364
.427
.534
.673
.780
.887
-0.1700
-0.2130
-0.2600
-0.2910
-0.3410
-0.3450
-0.4350
-0.4630
-0.4490
-0.3150
-0.0960
-0.2030
-0.3410
-0.2840
-0.1590
-0.3070
-0.3810
-0.1550
-0.2500
-0.1230
-0.1600
-0.1130
-0.0890
-0.1170
-0.1080
-0.0880
-0.0200
-0.0430
-0.0560
-0.0360
-0.0590
-0.534
-0.673
-0.780
-0.887
-0.5900
-0.5100
-0.4890
-0.4430
-0.0950
-0.0910
-0.0950
-0.1370
-0.1470
-0.1670
-0.1970
-0.2190
-0.2020
-0.2660
-0.2410
-0.3210
-0.1610
-0.2300
-0.3710
-0.0900
-0.0710

MACH (1) = 1.100 BETAT (3) = .020

Y/BW
X/CW.020
.050
.081
.086
.094
.150
.177
.229
.246
.250
.362
.400
.402
.497.299
.364
.427
.534
.673
.780
.887
-0.1790
-0.2190
-0.2600
-0.2910
-0.3410
-0.3450
-0.4350
-0.4630
-0.4490
-0.3150
-0.0960
-0.2030
-0.3410
-0.2840
-0.1590
-0.3070
-0.3810
-0.1550
-0.2500
-0.1230
-0.1600
-0.1130
-0.0890
-0.1170
-0.1080
-0.0880
-0.0200
-0.0430
-0.0560
-0.0360
-0.0590
-0.534
-0.673
-0.780
-0.887
-0.5900
-0.5100
-0.4890
-0.4430
-0.0950
-0.0910
-0.0950
-0.1370
-0.1470
-0.1670
-0.1970
-0.2190
-0.2020
-0.2660
-0.2410
-0.3210
-0.1610
-0.2300
-0.3710
-0.0900
-0.0710

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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SECTION (3) UPPER WING

MACH (1) = 1.100 BETAT (3) = .020

DEPENDENT VARIABLE CP

Y/BW .299 .364 .427 .534 .673 .780 .887

X/CW

.590
 .565
 .600
 .650
 .700 .0130
 .725
 .750
 .760
 .775
 .808
 .834
 .850
 .857
 .865
 .900
 .905
 .950
 .953
 .965

-.0610
 -.1160 -.2240
 -.3100
 -.2100
 -.1330
 -.1950 -.2840
 -.1630
 -.1670 -.2340 -.2400
 -.1520
 -.1430
 -.1270
 -.0610 -.0610 -.0250
 -.0760
 -.0930

-.3770
 -.4500
 -.3460 -.3740
 -.3770
 -.0480

MACH (1) = 1.101 BETAT (4) = 4.130

Y/BW

.299 .364 .427 .534 .673 .780 .887
 X/CW
 .000
 .030
 .050
 .081
 .086
 .094
 .150
 .177
 .229
 .246
 .250
 .362
 .400
 .402
 .497
 .550
 .565
 .600
 .650
 .700
 .725
 .750
 .760
 .775

-.4370 -.2590 .3270 .5200 .4340 .3970 .3370
 .1570 .1720 .1610 .1600
 .1420
 -.0970
 .0950
 -.0680 -.0400 -.1440 -.1520
 .1010
 -.0520 -.1430 -.1400 -.2480
 -.1400 -.1770
 -.0780
 -.1430 -.2380
 -.0950
 -.3890
 -.3340
 -.3760 -.4150
 -.2530 -.3170
 -.1940

-.4715

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2398

AWES 11-707 1A9 02A + S3 + T9 UPPER MINE

(REBUS2)

SECTION (1) UPPER MINE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.2180				
.834	-.1430						
.850				-.2260	-.2910	-.3030	
.857			-.2240				
.865	-.2500			-.2140			-.1170
.900	-.2230		-.2010				
.905				-.1590	-.1640	-.1230	
.950			-.1520				
.953							
.985	-.1700						

MACH (1) = 1.101 BETAT (5) = 8.260

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.6010	-.1160	.3070	.4760	.3650	.3070	.2320
.050				.1650	.1730	.1440	.1240
.081			.1700				
.086		.0890					
.094	-.1370						
.150			.1110	-.0130	-.0370	-.1200	-.1230
.177							
.229	.0190						
.246		.0190					
.250				-.0650	-.1250	-.1130	-.1970
.362	.0440						
.400				-.1210	-.1640		-.3180
.402			-.0720				
.497	.0940						
.550				-.1640	-.2460		
.565			-.1160				
.600							-.4620
.650					-.3910		
.700	-.0310				-.3460		
.725				-.2780			
.750			-.2320			-.3790	-.4180
.760				-.2860	-.3310		
.775			-.2600				
.808							
.834	-.1760			-.2620	-.3120	-.3100	
.850			-.2620				
.857							
.865	-.3010			-.2510			-.1260
.900	-.2990						
.905			-.2430				
.950				-.1940	-.1960	-.1550	
.953			-.1960				

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TABULATED PRESSURE DATA - IA9A

PAGE 2397

AMES 11-707 IA9 OCA + S3 + T9 UPPER WING

(REMARKS)

SECTION : 1) UPPER WING

DEPENDENT VARIABLE C_p

MACH (1) = 1.101 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	-.2090					

MACH (2) = 1.249 BETAT (1) = -8.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	.0080	.3660	.7650	.7400	.7430	.7080
	.050			.1060	.1830	.1940	.2400
	.081	.0130	.1000				
	.086						
	.094	.0340					
	.150						
	.177		-.0920	-.1160	-.1000	-.1240	-.1370
	.229	-.0250					
	.246		-.0920				
	.250			-.2460	-.2530	-.2470	-.2850
	.362	-.0680		-.3380	-.3800		-.3730
	.400		-.2860				
	.402						
	.497	-.0680		-.3770	-.4660		
	.550		-.3040				
	.565						
	.630						
	.650						
	.700	-.0980					
	.725			-.0550			
	.750						
	.760		.0090				
	.775		.0140				
	.808						
	.834	.0530					
	.850			-.0030	-.1410	-.3630	
	.857		.0430				
	.865	.0030					
	.900	.0400		.0230			
	.905		.0520				
	.950			.0680	.0280	-.1100	
	.953		.0730				
	.965	.0320					

MACH (2) = 1.250 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.0740	.2580	.6640	.6330	.6340	.6040
	.050			.1060	.1800	.1770	.2120
	.081		.0790				
	.086	-.0380					
	.094						

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TABULATED PRESSURE DATA - IASA

AVES 11-707 IAG OEA + S3 + T9 UPPER WING

(RENUJ32)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (2) = -4.080

Y/BW X/Cd	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = 1.250 BETAT (3) = .020

Y/BW X/Cd	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2399

SECTION (1) UPPER WING

MACH (2) = 1.250 BETAT (3) = .020

AVES 11-757 1A9 02A + S3 + T9 UPPER WING

(RBM02)

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.887							
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (2) = 1.246 BETAT (4) = 4.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

AVES 11-707 IAS OCA + S3 + T9 UPPER WING

(RSMODE)

SECTION (1) UPPER WING

MACH (2) = 1.246 BETAT (4) = 4.110

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808							
.834	-.0730		-.1290				
.850							
.857							
.865	-.1480						
.900	-.1220						
.905							
.950							
.953							
.965	-.0960						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4440	-.2440	.2840	.4690	.3640	.3370	.3210
.050				.1140	.1290	.1120	.1120
.081			.1600				
.086		-.0940					
.094	-.1180						
.150							
.177							
.229	-.0690						
.246		.0430					
.250							
.362	-.0170						
.400							
.402							
.497	.0160						
.550							
.565							
.600							
.650	.0030						
.700							
.725							
.750							
.760							
.775							
.808							
.834	-.0740						
.850							
.857							
.865	-.1740						
.900	-.1440						
.905							
.950							
.953							

MACH (2) = 1.246 BETAT (5) = 8.210

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4440	-.2440	.2840	.4690	.3640	.3370	.3210
.050				.1140	.1290	.1120	.1120
.081			.1600				
.086		-.0940					
.094	-.1180						
.150							
.177							
.229	-.0690						
.246		.0430					
.250							
.362	-.0170						
.400							
.402							
.497	.0160						
.550							
.565							
.600							
.650	.0030						
.700							
.725							
.750							
.760							
.775							
.808							
.834	-.0740						
.850							
.857							
.865	-.1740						
.900	-.1440						
.905							
.950							
.953							

-.1030

TABULATED PRESSURE DATA - 1A9A

DATE 21 SEP 73

AMES 11-707 1A9 02A + S3 + T9 UPPER WING (RB4052)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = 1.246 SETAT (5) = 8.210 Y/BW .299 .364 .427 .534 .673 .780 .887
X/CW .965 -.1300

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

A ES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.00 BETAT (2) = -4.590

Y/B _W X/C _W	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.0860		-.1190				
.246		.0630					
.250							
.362	-.0050			-.3390	-.4250	-.4430	-.5100
.400				-.4640	-.5240		-.5810
.402			-.3890				
.497	-.0710			-.1270	-.5290		
.550			-.0890				
.565							
.650							
.700	-.0400						
.725							
.750							
.760							
.775							
.834							
.850	-.0670						
.857							
.865	-.1460						
.910	-.1090						
.905							
.950							
.953							
.965	-.0950						

MACH (1) = 1.100 BETAT (3) = .020

Y/B _W X/C _W	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.3230	-.1460	.4030	.6040	.5460	.5410	.4890
.246				-.0510	-.0030	-.0310	-.0720
.250							
.362		.0320					
.400							
.402	-.0680						
.497							
.550							
.565							
.650							
.700							
.725							
.750							
.760							
.775							
.834							
.850							
.857							
.865							
.910							
.905							
.950							
.953							
.965							

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 Q2A + S3 + T9 UPPER WING

(b)(7)(D)

SECTION (2) UPPER WING

DEPENDENT VARIABLE CP

$$\text{MACH (1)} = 1.155 \text{ BETAT (3)} = .525$$

NO./X	NO./Y	127°	134°	141°
1	1	2.69	3.62	4.53
2	2	2.69	3.62	4.53
3	3	2.69	3.62	4.53
4	4	2.69	3.62	4.53
5	5	2.69	3.62	4.53
6	6	2.69	3.62	4.53
7	7	2.69	3.62	4.53
8	8	2.69	3.62	4.53
9	9	2.69	3.62	4.53
10	10	2.69	3.62	4.53
11	11	2.69	3.62	4.53
12	12	2.69	3.62	4.53
13	13	2.69	3.62	4.53
14	14	2.69	3.62	4.53
15	15	2.69	3.62	4.53
16	16	2.69	3.62	4.53
17	17	2.69	3.62	4.53
18	18	2.69	3.62	4.53
19	19	2.69	3.62	4.53
20	20	2.69	3.62	4.53
21	21	2.69	3.62	4.53
22	22	2.69	3.62	4.53
23	23	2.69	3.62	4.53
24	24	2.69	3.62	4.53
25	25	2.69	3.62	4.53
26	26	2.69	3.62	4.53
27	27	2.69	3.62	4.53
28	28	2.69	3.62	4.53
29	29	2.69	3.62	4.53
30	30	2.69	3.62	4.53
31	31	2.69	3.62	4.53
32	32	2.69	3.62	4.53
33	33	2.69	3.62	4.53
34	34	2.69	3.62	4.53
35	35	2.69	3.62	4.53
36	36	2.69	3.62	4.53
37	37	2.69	3.62	4.53
38	38	2.69	3.62	4.53
39	39	2.69	3.62	4.53
40	40	2.69	3.62	4.53
41	41	2.69	3.62	4.53
42	42	2.69	3.62	4.53
43	43	2.69	3.62	4.53
44	44	2.69	3.62	4.53
45	45	2.69	3.62	4.53
46	46	2.69	3.62	4.53
47	47	2.69	3.62	4.53
48	48	2.69	3.62	4.53
49	49	2.69	3.62	4.53
50	50	2.69	3.62	4.53
51	51	2.69	3.62	4.53
52	52	2.69	3.62	4.53
53	53	2.69	3.62	4.53
54	54	2.69	3.62	4.53
55	55	2.69	3.62	4.53
56	56	2.69	3.62	4.53
57	57	2.69	3.62	4.53
58	58	2.69	3.62	4.53
59	59	2.69	3.62	4.53
60	60	2.69	3.62	4.53
61	61	2.69	3.62	4.53
62	62	2.69	3.62	4.53
63	63	2.69	3.62	4.53
64	64	2.69	3.62	4.53
65	65	2.69	3.62	4.53
66	66	2.69	3.62	4.53
67	67	2.69	3.62	4.53
68	68	2.69	3.62	4.53
69	69	2.69	3.62	4.53
70	70	2.69	3.62	4.53
71	71	2.69	3.62	4.53
72	72	2.69	3.62	4.53
73	73	2.69	3.62	4.53
74	74	2.69	3.62	4.53
75	75	2.69	3.62	4.53
76	76	2.69	3.62	4.53
77	77			

1	1.00	1.00
2	1.00	1.00
3	1.00	1.00
4	1.00	1.00
5	1.00	1.00
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97	1.00	1.00
98	1.00	1.00
99	1.00	1.00
100	1.00	1.00

600
-582
547

650	-0230	-3170	-3521
700			

524.	-2140	6712	-3070	-3070
700	-0230			

-.1480

.760	-.1480
.775	-.2050
	-.2890

608
-1740

.834	-.1200	
.855	-.1810	-.2270
		-.1790

-.1720

.865	-.2010	-.1560	-.0110
.977	-.1580		

.970	- .1580	.1260	
.975		- .1500	.0440
		.0000	- .0320

.057
-.0890 -.0320 .067

- .1070

.953	-.1050
.965	-.1120

	.968	.972	.976	.980	.984	.988	.992	.996	1.000
1	.000	.004	.008	.012	.016	.019	.023	.027	.030
2	.004	.008	.012	.016	.019	.023	.027	.030	.033
3	.008	.012	.016	.019	.023	.027	.030	.033	.036
4	.012	.016	.019	.023	.027	.030	.033	.036	.039
5	.016	.019	.023	.027	.030	.033	.036	.039	.042
6	.019	.023	.027	.030	.033	.036	.039	.042	.045
7	.023	.027	.030	.033	.036	.039	.042	.045	.048
8	.027	.030	.033	.036	.039	.042	.045	.048	.051
9	.030	.033	.036	.039	.042	.045	.048	.051	.054

	Y/B	Y/G	Y/R	Y/B	Y/G	Y/R
1	.299	.364	.427	.554	.615	.676
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天	度	分	秒	度	分	秒	度	分	秒
0127°	0867'	0000"	0126°	0867'	0000"	0127°	0867'	0000"	0128°
0128°	0868'	0000"	0129°	0869'	0000"	0130°	0870'	0000"	0131°
0132°	0874'	0000"	0133°	0875'	0000"	0134°	0876'	0000"	0135°
0136°	0882'	0000"	0137°	0883'	0000"	0138°	0884'	0000"	0139°
0140°	0890'	0000"	0141°	0891'	0000"	0142°	0892'	0000"	0143°
0147°	0900'	0000"	0148°	0901'	0000"	0149°	0902'	0000"	0150°
0154°	0910'	0000"	0155°	0911'	0000"	0156°	0912'	0000"	0157°
0158°	0918'	0000"	0159°	0919'	0000"	0200°	0920'	0000"	0201°
0205°	0930'	0000"	0206°	0931'	0000"	0207°	0932'	0000"	0208°
0212°	0940'	0000"	0213°	0941'	0000"	0214°	0942'	0000"	0215°
0219°	0950'	0000"	0220°	0951'	0000"	0221°	0952'	0000"	0222°
0226°	0960'	0000"	0227°	0961'	0000"	0228°	0962'	0000"	0229°
0233°	0970'	0000"	0234°	0971'	0000"	0235°	0972'	0000"	0236°
0240°	0980'	0000"	0241°	0981'	0000"	0242°	0982'	0000"	0243°
0247°	0990'	0000"	0248°	0991'	0000"	0249°	0992'	0000"	0250°
0254°	1000'	0000"	0255°	1001'	0000"	0256°	1002'	0000"	0257°
0258°	1008'	0000"	0259°	1009'	0000"	0300°	1010'	0000"	0301°
0305°	1020'	0000"	0306°	1021'	0000"	0307°	1022'	0000"	0308°
0312°	1030'	0000"	0313°	1031'	0000"	0314°	1032'	0000"	0315°
0319°	1040'	0000"	0320°	1041'	0000"	0321°	1042'	0000"	0322°
0326°	1050'	0000"	0327°	1051'	0000"	0328°	1052'	0000"	0329°
0333°	1060'	0000"	0334°	1061'	0000"	0335°	1062'	0000"	0336°
0340°	1070'	0000"	0341°	1071'	0000"	0342°	1072'	0000"	0343°
0347°	1080'	0000"	0348°	1081'	0000"	0349°	1082'	0000"	0350°
0354°	1090'	0000"	0355°	1091'	0000"	0356°	1092'	0000"	0357°
0358°	1098'	0000"	0359°	1099'	0000"	0400°	1100'	0000"	0401°
0405°	1110'	0000"	0406°	1111'	0000"	0407°	1112'	0000"	0408°
0412°	1120'	0000"	0413°	1121'	0000"	0414°	1122'	0000"	0415°
0419°	1130'	0000"	0420°	1131'	0000"	0421°	1132'	0000"	0422°
0426°	1140'	0000"	0427°	1141'	0000"	0428°	1142'	0000"	0429°
0433°	1150'	0000"	0434°	1151'	0000"	0435°	1152'	0000"	0436°
0440°	1160'	0000"	0441°	1161'	0000"	0442°	1162'	0000"	0443°
0447°	1170'	0000"	0448°	1171'	0000"	0449°	1172'	0000"	0450°
0454°	1180'	0000"	0455°	1181'	0000"	0456°	1182'	0000"	0457°
0458°	1188'	0000"	0459°	1189'	0000"	0500°	1190'	0000"	0501°
0505°	1200'	0000"	0506°	1201'	0000"	0507°	1202'	0000"	0508°
05									

DATE	TIME	LOCATION	WIND	SEA	WAVE	TEMP	WIND	SEA	WAVE	TEMP
10/10/77	0800	0550	0700	0600	0500	0400	0300	0200	0100	0000

987	0697
988	0712

94	-.1120	-.1630	-.1870	-.2270	-.2840
95					

.150	.160	.177	.0150
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0.271
0.229
-0.0690
0.540

.246	.0640	-.1850	-.2570	-.3570
.250				

250	1950 - 2000	1950 - 2000
362	1950 - 2000	1950 - 2000

-0960
-0960 -0960

Direction	Angle
000°	46°
090°	23°

-.1640 -.2710
-.1150

565	-0.1150
600	-0.4200

.655		- .4970
.655		- .3940

750	-0.0280	-0.3540
725		-0.2640

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2
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760	-2060	-2560	-3310
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2720 005700 564

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DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 O2A + S3 + T9 UPPER WING (RBM033)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (4) = 4.130	Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
		.808			-.2300				
		.834	-.1640						
		.850				-.2350	-.2970	-.2850	
		.857			-.2330				
		.865	-.2720						-.0860
		.910	-.2240			-.2290			
		.915			-.2140				
		.950				-.1770	-.1490	-.0890	
		.953			-.1670				
		.965	-.1840						

MACH (1) = 1.099 BETAT (5) = 8.250

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.870	-.6190	-.1160	.2630	.4830	.3960	.3860	.3290
.880				.0500	.0540	.0400	.0240
.881		.0870	.1090				
.886	-.1920			-.1261	-.0960	-.2220	-.2340
.894			.0350				
.897							
.899	.0640	.0930					
.926				-.1290	-.1800	-.2020	-.2910
.950	.0560			-.1530	-.2130		-.3520
.952			-.0720				
.957	.0400			-.1870	-.2750		
.959			-.1400				-.4750
.965					-.3540	-.4040	
.969	-.0900			-.2840			
.975			-.2450			-.3950	-.3960
.976				-.2920	-.3360		
.977			-.2710				
.983							
.984	-.1970			-.2670	-.3120	-.2990	
.985			-.2830				
.987							
.988	-.3180			-.2690			-.0910
.990	-.2790		-.2590				
.995				-.2160	-.1910	-.1210	
.997			-.2200				
.999							

DATE 21 SEP 79

TABULATED PRESSURE DATA - 1A9A

PAGE 2407

AMES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RBMUS3)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (2) = -4.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-.0960		-.1490				
.246		-.1340					
.290							
.362	-.1270						
.400							
.402							
.497	-.1150						
.550							
.565							
.600							
.650							
.700	-.1050						
.725							
.750							
.760							
.775							
.808							
.834	-.0200						
.850							
.857							
.865	-.0710						
.900	-.0380						
.905							
.950							
.953							
.965	-.0360						

MACH (2) = 1.250 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.2200	-.1220	.2600	.6290	.5690	.5820	.5420
.081				.0080	.0660	.0520	.0900
.086							
.094							
.150							
.177							
.229	-.1000						
.245							
.250							
.362	-.1220						
.400							
.402							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2408

AVES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBM053)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.590							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.890							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.590							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.890							
.857							
.865							
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.905							
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.953							
.965							
.590							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
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.953							
.965							
.590							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.890							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.590							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.890							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = 1.250 BETAT (4) = 4.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

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TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 UPPER WING (RBMJ53)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (4) = 4.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.1410				
.834	-.0940						
.850				-.1010	-.1190	-.0940	
.857			-.1140				
.865	-.1710						-.0470
.900	-.1350			-.0610			
.905			-.0960				
.950				-.0610	-.0360	.0470	
.953			-.0650				
.965	-.1190						

MACH (2) = 1.248 BETAT (5) = 8.200

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4470	-.1770	.2200	.5020	.4180	.4030	.3780
.050				.0300	.0480	.0200	.0290
.081			.0820				
.086	-.1300	-.0270					
.094							
.150				-.0930	-.1380	-.1990	-.2290
.177			.0010				
.229	-.0880						
.246		.0070					
.250				-.1560	-.2240	-.2490	-.3230
.362	-.0110			-.2680	-.3030		-.3780
.400							
.402			-.2170				
.497	-.0170			-.0670	-.1390		
.550			-.0580				
.565							
.600							-.4780
.650						-.2230	
.700	-.0210			-.1880			
.725				-.1200			
.750						-.2340	-.2420
.760			-.1180				
.775				-.1470	-.1840		
.808			-.1580				
.834	-.0890						
.850				-.1470	-.1760	-.1620	
.857			-.1380				
.865	-.1870						
.900	-.1570			-.1370			.0110
.905			-.1380				
.950				-.1150	-.1090	-.0400	
.953			-.1150				

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(RBM033)

AXES 11-707 :A3 O2A + S3 + T9 UPPER WING

DEPENDENT VARIABLE CP

SECTION (1)UPPER WING

MACH (2) = 1.248 BETAT (5) = 0.250

Y/BW .299 .364 .427 .534 .673 .780 .887
X/CW .965 -.1410

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

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AVES 11-707 1AL 02A + S3 + T9 UPPER WING

(RBM04) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT.
 LREF = 35.8490 INCHES
 BREF = 39.8490 INCHES
 SCALE = .0300 SCALE

XGRP = 28.5300 INCHES
 YGRP = .0000 INCHES
 ZGRP = .0000 INCHES

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
 RUDDER = -15.000 ELEVEN = .500
 RUFLR = .000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (1) = -0.200

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-1.160	-.0310	.5270	.7590	.6880	.7040	.6120
.050				-.2640	-.2200	-.2210	-.1340
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.403							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.818							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = 1.100 BETAT (2) = -4.090

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2020	-.1070	.4710	.6950	.6250	.6330	.5520
.050				-.2230	-.1440	-.1630	-.1030
.081							
.086							
.094							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBH034)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (2) = -4.090

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = 1.099 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 UPPER MINE

(RBNLD4)

SECTION (1) UPPER MINE

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.2380				
.834	-.1860						
.850				-.2400	-.2950	-.2510	
.857			-.2400				
.865	-.2670						
.900	-.2370			-.2380			-.0780
.905			-.2240				
.950				-.1820	-.1280	-.0640	
.953			-.1740				
.965	-.1860						

MACH (1) = 1.099 BETAT (5) = 8.250

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.6150	-.1180	.2100	.4580	.4070	.4060	.3910
.050				-.0780	-.0530	-.0940	-.1570
.081		.0840	.0590				
.086							
.094	-.1540						
.150			-.0300	-.1890	-.2320	-.2850	-.3360
.177							
.229	.0280						
.246		.0790		-.2140	-.2630	-.2840	-.3780
.250							
.362	.0250			-.1660	-.2380		-.3700
.400							
.402			-.1100				
.497	.0100			-.1940	-.2930		
.550							
.565							
.600			-.1520				
.650	-.0660						-.4740
.700					-.3640		
.725				-.2790			
.750							
.760			-.2460				
.775				-.2910	-.3370		
.808			-.2680				
.834	-.2110			-.2710	-.3100	-.2680	
.850							
.857			-.2780				
.865	-.3140						
.900	-.2800			-.2680			-.1040
.905			-.2560				
.950			-.2170	-.1820	-.1040		
.953			-.2230				

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TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMUS4)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099	BETAT (5) = 8.250	Y/BW X/CW	.299 .965	.364 -.2480	.427 .534	.673 .780	.687 .887
MACH (2) = 1.249	BETAT (1) = -8.160	Y/BW X/CW	.299 -.0020	.364 .0080	.427 .4490	.534 .7590	.780 .6990
			.000 .050	.0080 -.0860	.0080 -.0560	.780 -.0630	.887 .0280
			.081 .086	.0090 -.0090	.0080 -.0090	.0080 -.0090	.0080 -.0090
			.094 .150	-.0060 -.0620	-.0060 -.2190	-.0060 -.2410	-.0060 -.2570
			.177 .229	-.0620 -.1510	-.2190 -.3650	-.2410 -.3820	-.2570 -.3940
			.246 .250	-.1180 -.1180	-.3650 -.4360	-.3820 -.4870	-.3940 -.4650
			.362 .400	-.1180 -.1020	-.4360 -.4560	-.4870 -.5740	-.4650 -.5810
			.422 .497	-.1020 -.3870	-.4560 -.6070	-.5740 -.6130	-.5810 -.6130
			.550 .600	-.2840 -.2840	-.6070 -.6070	-.6130 -.6070	-.6130 -.5680
			.700 .725	-.2840 -.0870	-.6070 -.0830	-.6070 -.4880	-.5680 -.4880
			.750 .760	-.0870 -.0540	-.0830 -.0540	-.4880 -.3160	-.4880 -.5520
			.775 .808	-.0540 -.0080	-.0540 -.0080	-.3160 -.5520	-.5520 -.4740
			.834 .850	-.0080 -.0320	-.0080 -.0270	-.5520 -.2210	-.4740 -.2210
			.857 .865	-.0320 -.0060	-.0270 -.0490	-.2210 -.0490	-.2210 -.0490
			.900 .905	-.0060 -.0080	-.0490 -.0080	-.0490 -.0080	-.0490 -.0080
			.950 .953	-.0080 -.0080	-.0080 -.0080	-.0080 -.0080	-.0080 -.0080
			.965 1.000	-.0080 -.0990	-.0080 -.3420	-.0080 -.6840	-.0080 -.6230
			1.050 1.086	-.0990 -.0640	-.3420 -.0020	-.6840 -.0430	-.6230 -.0180
			1.194 1.194	-.0640 -.0700	-.0020 -.0700	-.0430 -.0700	-.0180 -.0700

MACH (2) = 1.250 BETAT (2) = -4.070

Y/BW X/CW	.299 -.0020	.364 .0080	.427 .4490	.534 .7590	.673 .780	.687 .887
	.000 .050	.0080 -.0860	.0080 -.0560	.0080 -.0630	.780 -.0630	.887 .0280
	.081 .086	.0090 -.0090	.0080 -.0090	.0080 -.0090	.0080 -.0090	.0080 -.0090
	.094 .150	-.0060 -.0620	-.0060 -.2190	-.0060 -.3650	-.0060 -.3820	-.0060 -.3940
	.177 .229	-.0620 -.1510	-.2190 -.4360	-.3650 -.4870	-.3820 -.4870	-.3940 -.4650
	.246 .250	-.1180 -.1020	-.4360 -.4560	-.4870 -.6070	-.4650 -.6130	-.4650 -.5810
	.362 .400	-.1020 -.3870	-.4560 -.6070	-.6070 -.6070	-.6130 -.6070	-.5810 -.6130
	.422 .497	-.3870 -.2840	-.6070 -.6070	-.6070 -.6070	-.6070 -.6070	-.6130 -.6070
	.550 .600	-.2840 -.0870	-.6070 -.0830	-.6070 -.4880	-.6070 -.4880	-.6130 -.4880
	.700 .725	-.0870 -.0540	-.0830 -.0540	-.4880 -.3160	-.4880 -.5520	-.4880 -.5520
	.750 .760	-.0540 -.0080	-.0540 -.0080	-.3160 -.5520	-.5520 -.4740	-.5520 -.4740
	.775 .808	-.0080 -.0320	-.0080 -.0270	-.5520 -.2210	-.4740 -.2210	-.4740 -.2210
	.834 .850	-.0320 -.0060	-.0270 -.0490	-.2210 -.0490	-.2210 -.0490	-.2210 -.0490
	.857 .865	-.0060 -.0080	-.0490 -.0080	-.0490 -.0080	-.0490 -.0080	-.0490 -.0080
	.900 .905	-.0080 -.0990	-.0080 -.3420	-.0080 -.6840	-.0080 -.6230	-.0080 -.6230
	.950 .953	-.0990 -.0640	-.3420 -.0020	-.6840 -.0430	-.6230 -.0180	-.6230 -.0180
	1.000 1.086	-.0640 -.0700	-.0020 -.0700	-.0430 -.0700	-.0180 -.0700	-.0180 -.0700

AMES 11-707 1A9 02A + S3 + T9 UPPER MINE (REBND34)

SECTION (1) UPPER MINE

DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (2) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.403							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.90							
.955							
.950							
.953							
.965							

MACH (2) = 1.249 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.403							
.402							
.497							

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBW034)

SECTION (3) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.590							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = 1.245 BETAT (4) = 4.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.590							
.590							
.581							
.586							
.594							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANCS 11-707 1A9 024 + S3 + T9 UPPER MINE

(RBMUD4)

DEPENDENT VARIABLE CP

SECTION (1) UPPER MINE

MACH (2) = 1.245 BETAT (4) = 4.110

Y/BA
X/CA

.299 .364 .427 .534 .673 .780 .887

.808
 .834
 .850
 .857
 .865
 .900
 .905
 .950
 .953
 .965

MACH (2) = 1.247 BETAT (5) = 8.200

Y/BA
X/CA

.299 .364 .427 .534 .673 .780 .887
 -.4320 -.1930 .1700 .4770 .4230 .4330 .3810
 -.1200 -.0500 -.0820 -.0590
 .0380
 .0180
 -.1610
 -.0500
 -.0830
 -.0100
 -.0100
 -.2520
 -.0880
 -.1450
 -.1370
 -.1650
 -.1710
 -.1610
 -.1800
 -.1510
 -.1620
 -.1530
 -.1330
 -.1350

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 OCA + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.247 SETAT (5) = 8.250

Y/BW

.299

.427

.534

.673

.780

.897

X/CL

.965

-.1750

AMES 11-707 1A9 OBA + S3 + T9 UPPER WING

(RENCOS) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORBITAL = .500
 REEFER = -15.000 ELEVAT = .000
 RUEFER = .000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.092 BETAT (1) = -8.210

Y/DW X/DW	.299	.364	.427	.534	.673	.780	.887
.000	-.1070	-.0400	.0890	.7240	.6450	.6520	.4850
.050			-.1870	-.3540	-.4060	-.4200	-.3300
.081		-.0380					
.086							
.094	-.0340						
.150							
.177			-.3920				
.229	-.1090						
.246		-.1560					
.250							
.362	-.0440						
.400							
.402			-.5040				
.497	-.1570						
.550			-.2320				
.565							
.600							
.650							
.700	-.1310						
.725							
.750							
.760							
.775							
.808							
.834	-.0200						
.850							
.857							
.865	-.1120						
.900	-.0550						
.915							
.950							
.953							
.965	-.0050						

MACH (1) = 1.093 BETAT (2) = -4.095

Y/DW X/DW	.299	.364	.427	.534	.673	.780	.887
.000	-.2910	-.1270	.4160	.6880	.5870	.5930	.4450
.050				-.3420	-.2870	-.3410	-.3300
.081			-.1560				
.086		-.0900					
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700	-.1310						
.725							
.750							
.760							
.775							
.808							
.834	-.0200						
.850							
.857							
.865	-.1120						
.900	-.0550						
.915							
.950							
.953							
.965	-.0050						

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AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

MACH (1) = 1.095 BETAT (2) = -4.090

DEPENDENT VARIABLE CP

Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
.150								
.177								
.229								
.246								
.250								
.362								
.400								
.472								
.497								
.550								
.565								
.600								
.650								
.700								
.725								
.750								
.760								
.775								
.808								
.834								
.850								
.857								
.865								
.900								
.905								
.950								
.953								
.965								

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	X/CW	.299	.364	.427	.534	.673	.780	.887
.000								
.050								
.081								
.086								
.094								
.150								
.177								
.229								
.246								
.250								
.362								
.400								
.402								
.497								

27

-AB18 ATET PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMUS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

$\text{HCFM} (1) = 1.10; \text{IGT} = (1) \text{ JVLJG}$
 $\text{GCT} = (4) = 4.130$

1/2W	.299	.364	.427	.534	.675	.780	.867
K/Cx							
.808			.2570				
.834	-.2050			-.2540	-.2830	-.2220	
.850			-.2550				
.857							
.865	-.2870			-.2440			-.0500
.901	-.2580						
.905			-.2420				
.950				-.1770	-.1010	-.0540	
.953			-.1800				
.965	-.2040						

$$\text{WACH} (1) = 1.195 \text{ BETAT} (5) = 8.250$$

Y/BW	.299	.364	.427	.534	.673	.780	.867
X/CW	-.6260	-.1070	.1180	.4080	.3720	.3950	.2950
.050				-.3090	-.1800	-.2400	-.2620
.081			-.0470				
.086		.0090					
.094	-.1820			-.2630	-.3410	-.4210	-.4860
.150			-.1130				
.177							
.229	.0370	.0090					
.246				-.2930	-.3950	-.4450	-.5500
.250							
.362	.0040			-.2250	-.2830		-.5120
.400			-.1840				
.402							
.497	-.0580		-.1940	-.2020	-.2940		
.550							
.565						-.4310	-.4580
.600					-.3680		
.650	-.1010			-.2730		-.3970	-.4000
.700							
.725							
.750			-.2440				
.760				-.2890	-.3450		
.775			-.2720				
.808							
.834	-.2220			-.2790	-.3050	-.2730	
.850			-.2810				
.857							
.865	-.3020			-.2750			-.1350
.900	-.2730		-.1550	-.2140	-.1590	-.0940	
.905							
.950			-.2280				
.953							

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RENUB5)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.106 BETAT (5) = 8.250

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.2560						

MACH (2) = 1.248 BETAT (1) = -8.160

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0490	-.0080	.5170	.8080	.7270	.7360	.6190
.050				-.1790	-.1700	-.1940	-.1280
.081			-.0600				
.086		-.0330					
.094	-.0110			-.3550	-.3340	-.3460	-.3680
.150			-.3220				
.177	-.0740						
.229		-.1670					
.246				-.4610	-.4560	-.4630	-.4780
.250							
.362	-.1360			-.5150	-.5600		-.5290
.400			-.4020				
.402							
.497	-.1220		-.4340	-.5370	-.6420		
.550							
.565							
.600							
.650						-.6620	-.6280
.700	-.3440			-.2810	-.6780		
.725						-.6380	-.6160
.750			-.1620				
.760				-.1790	-.5420		
.775			-.1220				
.808							
.834	-.0170			-.0850	-.3960	-.5160	
.850			-.0560				
.857							
.865	-.0680			.0370			-.5460
.900	-.0220		-.0060	-.0200	-.2950	-.3170	
.905							
.950			.0370				
.953							
.965	-.0140						

MACH (2) = 1.244 BETAT (2) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1550	-.1180	.3740	.7440	.6590	.6630	.5550
.050				-.1740	-.1530	-.1850	-.1550
.081			-.0740				
.086		-.0940					
.094							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2425

AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (2) = -6.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.085							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

MACH (2) = 1.250 BETAT (3) = .000

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2427

AVES 11-707 IAS O2A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (4) = 4.100

Y/BW
X/CW

.808	.299	.364	.427	.534	.673	.780	.887
.834	-.1260		-.1470				
.850				-.1180	-.1580	-.2150	
.857			-.1170				
.865	-.1880			-.1150			-.4150
.900	-.1690		-.1120	-.0900	-.0390	-.0880	
.905							
.950			-.0980				
.953							
.965	-.1340						

MACH (2) = 1.248 BETAT (5) = 6.200

Y/BW
X/CW

.000	.299	.364	.427	.534	.673	.780	.887
.050	-.4600	-.2210	.1120	.4720	.4030	.4070	.3440
.081			-.0430	-.2350	-.2230	-.2580	-.2080
.086		-.0660					
.094	-.2640			-.2280	-.2770	-.3380	-.3660
.150			-.1150				
.177							
.229	-.0670						
.246		-.0240					
.250				-.2830	-.3680	-.4130	-.4760
.362	-.0180			-.3630	-.4200		-.3230
.400			-.3110				
.402							
.497	-.0810			-.2020	-.4740		
.550			-.1940				
.565							
.600							
.650						-.5450	-.5850
.700	-.1020			-.2330			
.725				-.1980			
.750			-.1580			-.3330	-.5420
.760				-.1770	-.2220		
.775			-.1880				
.808							
.834	-.370			-.1760	-.1890	-.1850	
.850			-.1770				
.857							
.865	-.2170			-.1700			-.2050
.900	-.1910						
.905			-.1670				
.950			-.1550	-.1170		-.0090	
.953			-.1540				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2429

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

(REBUDS) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0003 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 OBSINC = -.520
 RUDDER = -15.000 ELEVON = .000
 RUOFLR = .000

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.103	BETAT (1) = -0.200	Y/BW	.299	.364	.427	.534	.673	.780	.887
		X/CW							
		.000	-.1380	-.0710	.4250	.6780	.6050	.5960	.3930
		.050				-.5340	-.5310	-.5190	-.4660
		.081			-.2940				
		.086		-.0520					
		.094	-.0670						
		.150							
		.177			-.4960		-.6510	-.6170	-.6590
		.229	-.1110						
		.246		-.2310					
		.250					-.6880	-.7110	-.7470
		.362	-.0690						
		.400					-.6860	-.7970	
		.402			-.5410				-.7630
		.497	-.1900						
		.550			-.3530		-.6590	-.7940	
		.565							-.5590
		.600						-.5990	
		.650							
		.700	-.2770				-.5810		
		.725			-.1920				
		.750						-.4710	-.5660
		.760			-.1230				
		.775				-.0740	-.4640		
		.806			-.0550				
		.834	-.0420						
		.850					-.0030	-.3780	-.5030
		.857			.0270				
		.865	-.1120						
		.900	-.0010			.0260			-.5730
		.955				.0750			
		.950							
		.953			.1100		.0260	-.2610	-.4480
		.965	.0690						
MACH (1) = 1.099	BETAT (2) = -4.090	Y/BW	.299	.364	.427	.534	.673	.780	.887
		X/CW							
		.000	-.2640	-.1860	.3550	.6290	.5550	.5490	.3470
		.050				-.4860	-.4930	-.5090	-.4780
		.081			-.2190				
		.086		-.0950					
		.094		-.1320					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-797 1A9 02A + S3 + T9 UPPER WING

(RBM056)

SECTION (1) UPPER WING DEFICENT VARIABLE CP

MACH (1) = 1.099 BETAT (2) = -4.090

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.150							
.177							
.229							
.246							
.250							
.362							
.403							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.838							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.897							
.2730							
.4080							
.4760							
.5010							
.5020							
.5010							
.2210							
.4650							
.5630							
.5630							
.3650							
.1490							
.5080							
.6130							
.6730							
.7270							
.5620							
.6680							
.7520							
.9040							
.1720							

MACH (1) = 1.062 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.150							
.177							
.229							
.246							
.250							
.362							
.403							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.838							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.780							
.897							
.2730							
.4080							
.4760							
.5010							
.5020							
.5010							
.2210							
.4650							
.5630							
.5630							
.3650							
.1490							
.5080							
.6130							
.6730							
.7270							
.5620							
.6680							
.7520							
.9040							
.1720							

TABULATED PRESSURE DATA - 149A

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

DATE 21 SEP 73

(GENUS6)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = 1.098 BETAT (4) = 4.140

Y/B4
X/C4

.808	.299	.364	.427	.534	.673	.780	.837
.834	-.2110		-.2670	-.2640	-.2760	-.1810	
.850			-.2680				-.2440
.857	-.2910			-.2680			
.855	-.2680		-.2520	-.1700	-.0760	-.0380	
.910			-.1780				
.950	-.2050						
.953							
.965							
.299	.364	.427	.534	.673	.780	.837	
-.6720	-.1680	.0460	.3400	.2570	.3130	.2450	
		-.0980	-.3950	-.3640	-.4340	-.5520	
.081	-.3080	-.0480	-.0980				
.086			-.1820	-.3200	-.4180	-.5170	-.5750
.094							
.177	.0280						
.229	-.0330			-.3980	-.4740	-.5170	-.6780
.246				-.3570	-.5120		-.6810
.250	.0050		-.2880				
.362			-.2210	-.2050	-.2870		
.400	-.1090						-.6120
.402						-.4130	
.497				-.2790	-.3180		
.550	-.1060						-.3450
.565							
.600			-.2320	-.2020	-.3430		
.650			-.2680				
.700				-.2840	-.2860	-.2310	
.725							
.750							
.760							
.775							
.803	-.2210						
.834							
.850							
.857							
.865	-.3040			-.2760			-.1350
.900	-.2780						
.905			-.2640	-.1980	-.2280	-.0320	
.950							
.953			-.2410				

MACH (1) = 1.100 BETAT (5) = 0.780

Y/B4
X/C4

.000	.299	.364	.427	.534	.673	.780	.837
.050	-.6720	-.1680	.0460	.3400	.2570	.3130	.2450
.081			-.0980	-.3950	-.3640	-.4340	-.5520
.086	-.3080	-.0480	-.0980				
.094			-.1820	-.3200	-.4180	-.5170	-.5750
.177	.0280						
.229	-.0330			-.3980	-.4740	-.5170	-.6780
.246				-.3570	-.5120		-.6810
.250	.0050		-.2880				
.362			-.2210	-.2050	-.2870		
.400	-.1090						-.6120
.402						-.4130	
.497				-.2790	-.3180		
.550	-.1060						-.3450
.565							
.600			-.2320	-.2020	-.3430		
.650			-.2680				
.700				-.2840	-.2860	-.2310	
.725							
.750							
.760							
.775							
.803	-.2210						
.834							
.850							
.857							
.865	-.3040			-.2760			-.1350
.900	-.2780						
.905			-.2640	-.1980	-.2280	-.0320	
.950							
.953			-.2410				

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING (FEMUR)

SECTION: (1) UPPER WING DEPENDENT VARIABLE OF

MACH (1) = 1.100 BETAT (5) = 8.260 Y/B4 .299 .364 .427 .534 .573 .780 .887
X/C4 .965 -.2640

MACH (2) = 1.248 BETAT (1) = -8.150 Y/B4 .299 .364 .427 .534 .73 .780 .887
X/C4 .000 -.0820 -.0250 .7870 .7080 .7070 .5430
.090 -.3130 -.3020 -.3020 -.2520
.081 -.1650
.086 -.0470
.094 -.4170 -.4000 -.4070 -.4410
.150 -.4130
.177
.229 -.0740
.246 -.1890
.250
.362 -.1440
.400
.402
.497 -.1390
.550
.565
.670
.595
.700 -.3870
.725
.750
.760
.775
.808
.834
.850
.857
.865
.900
.905
.950
.953
.965
Y/B4 .299 .364 .427 .534 .672 .780 .887
X/C4 .000 -.2320 -.1770 .3760 .7070 .6290 .6290 .4810
.090
.081
.086
.094
MACH (2) = 1.248 BETAT (2) = -4.060 Y/B4 .299 .364 .427 .534 .672 .780 .887
X/C4 .000 -.2320 -.1770 .3760 .7070 .6290 .6290 .4810
.090
.081
.086
.094

ANES 11-75: 1A9 O2A + S3 + T9 UPPER WING

(RBM356)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = 1.249 BETAT (3) = .010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73 TABULATED PRESSURE DATA - IASA

AMES 11-707 1A9 02A + S3 + T9 UPPER WING (R8H056)

SECTION (1) UPPER WING		DEPENDENT VARIABLE CP			
MACH (2) = 1.245	BETA (4) = 4.110	Y/BW	.299	.364	.427
		X/CW			
		.808			-.1580
		.834	-.1480		
		.850			-.1370
		.857			-.2080
		.865	-.2050		-.3310
		.900	-.1760		
		.905			-.1390
		.950			-.1240
		.953			-.1020
		.965	-.1320		-.0790
					-.1710
					-.1070
MACH (2) = 1.246		Y/BW	.299	.364	.427
		X/CW			
		.000			.534
		.050	-.4780	-.2730	.673
		.081			.780
		.086			.887
		.094	-.3870		
		.150			.4040
		.177			.3320
		.229	-.0240		.3970
		.246			.3250
		.250			.3850
		.362	-.0900		.3550
		.400			
		.402			-.3070
		.497	-.1180		-.0930
		.550			
		.595			-.2920
		.600			.534
		.650			.673
		.700	-.1900		.780
		.725			.887
		.750			
		.760			-.2920
		.775			.534
		.808			.673
		.834	-.1570		.780
		.850			.887
		.857			
		.865	-.2310		-.1370
		.900	-.2140		-.2080
		.905			-.3310
		.950			-.1390
		.953			-.1240
		.965			-.1020
					-.0790
					-.1710
					-.1070
					-.3460
					-.5150
					-.6240
					-.5980
					-.3120
					-.1940
					-.1900
					-.2160
					-.2710
					-.2750
					-.3740
					-.1490
					-.1720

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2437

AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBMUS6)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	-.2070					

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA
AVES 11-707 IAS O2A + S3 + T9 UPPER WING

(RBM437)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150							
.177							
.229	-.1720						
.246		-.2220					
.250							
.362	-.0600						
.400							
.422							
.497	-.2010						
.550							
.565							
.600							
.650							
.750	-.4380						
.725							
.760							
.775							
.808							
.834	-.1200						
.850							
.857							
.865	-.1700						
.900	-.0250						
.905							
.950							
.953							
.965	.0740						
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5440	-.5000	.2020	.4970	.4430	.4340	.1830
.050							
.081							
.086							
.094	-.2550						
.150							
.177							
.229	-.0840						
.246		-.1700					
.250							
.362	-.0690						
.400							
.422							
.497	-.2030						

MACH (1) = 1.098 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5440	-.5000	.2020	.4970	.4430	.4340	.1830
.050							
.081							
.086							
.094	-.2550						
.150							
.177							
.229	-.0840						
.246		-.1700					
.250							
.362	-.0690						
.400							
.422							
.497	-.2030						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2441

SECTION (1) UPPER WING

MACH (1) = 1.100 BETAT (4) = 4.140

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM157)

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.2880				
.834	-.2250						
.850				-.2650	-.1330	-.2830	
.857			-.2840				
.865	-.3770						
.900	-.2740			-.1630			-.6070
.905			-.2720				
.950				-.0950	-.0850	-.2480	
.953			-.1460				
.965	-.1970						

Y/BW X/CW	.299	.364	.427	.534	.673	.790	.887
.000	-.6540	-.1810	-.0290	.2570	.1700	.2490	.0260
.050				-.4870	-.6070	-.6840	-.6750
.081			-.1380				
.086		-.0990					
.094	-.5370						
.150			-.2410	-.3670	-.4660	-.6090	-.7620
.177							
.229	.0270						
.246		-.0920					
.250				-.4020	-.5420	-.6380	-.7860
.362	.0010			-.4630	-.5760		-.7570
.400			-.4230				
.402							
.497	-.1570			-.2470	-.3570		
.550			-.2340				
.565							
.600							
.650						-.4630	-.7940
.700	-.1280			-.3000	-.3770		
.725							
.750			-.2730			-.3770	-.4640
.760				-.3090	-.3510		
.775			-.2930				
.803							
.834	-.2330			-.3010	-.2770	-.2720	
.850			-.3000				
.857							
.865	-.3080			-.2930			-.2690
.900	-.2970		-.2850				
.905				-.1960	-.1130	-.5810	
.950			-.2580				
.953							

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

PAGE 2462

AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.280

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
	.965	-.2870					

MACH (2) = 1.247 BETAT (1) = -8.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1040	-.0750	.4370	.7510	.6710	.6620	.4470
.050				-.4020	-.3950	-.3830	-.3670
.081			-.2710				
.086		-.0710					
.094		-.0450					
.150				-.4880	-.4950	-.5180	-.5250
.177			-.5020				
.229	-.0830						
.246		-.2340					
.250				-.5830	-.5780	-.5950	-.6020
.362	-.1560			-.6370	-.6510		-.6180
.400							
.402			-.4710				
.497	-.1620						
.550				-.8470	-.6630		
.565			-.5090				
.600							-.6250
.650		-.4130			-.6070		
.700				-.3810			
.725							
.750						-.5540	-.5430
.760			-.2670				
.775				-.3490	-.5820		
.808			-.1880				
.834	-.0530						
.850				-.2680	-.5370	-.5160	
.857			-.0920				
.865	-.1080						
.900	-.0950			-.1910			-.4800
.905			-.0440				
.950				-.1150	-.4330	-.4580	
.953			.0790				
.965	.0160						

MACH (2) = 1.249 BETAT (2) = -4.050

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2480	-.2670	.3300	.6630	.5930	.5820	.3710
.050				-.4280	-.4140	-.4140	-.3950
.081			-.2920				
.086		-.1450					
.094		-.1220					

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A ~ S3 + T9 UPPER MING

(RBMJ577)

SECTION (1) UPPER MING

DEPENDENT VARIABLE CP

WACH (2) = 1.247 BETAT (3) = .020

Y/BM X/CW	.299	.364	.427	.534	.673	.780	.887
.590							
.565							
.600							
.680							
.700							
.725							
.750							
.760							
.775							
.838							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.590							
.565							
.600							
.680							
.700							
.725							
.750							
.760							
.775							
.838							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.590							
.565							
.600							
.680							
.700							
.725							
.750							
.760							
.775							

WACH (2) = 1.252 BETAT (4) = 4.120

Y/BM X/CW	.299	.364	.427	.534	.673	.780	.887
.590							
.565							
.600							
.680							
.700							
.725							
.750							
.760							
.775							
.838							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.590							
.565							
.600							
.680							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMUD7)

SECTION (1) UPPER WING	DEPENDENT VARIABLE CP								
MACH (2) = 1.252 BETAT (4) = 4.120	Y/BW	.299	.364	.427	.534	.673	.780	.887	
	X/CW								
	.808								
	.834	-.1580							
	.850								
	.857								
	.865	-.2230							
	.900	-.1970							
	.905								
	.950								
	.953								
	.965	-.1420							
MACH (2) = 1.247 BETAT (5) = 8.230	Y/BW	.299	.364	.427	.534	.673	.780	.887	
	X/CW								
	.000	-.4750	-.3200	-.0200	.3160	.2760	.3460	.1610	
	.050				-.3960	-.4540	-.4870	-.4710	
	.081								
	.086								
	.094								
	.150								
	.177								
	.229	-.0270							
	.246								
	.250								
	.362	-.0250							
	.400								
	.402								
	.497	-.1270							
	.550								
	.565								
	.600								
	.650								
	.700	-.1930							
	.725								
	.750								
	.760								
	.775								
	.808								
	.834	-.1680							
	.850								
	.857								
	.865	-.2460							
	.900	-.2270							
	.905								
	.950								
	.953								

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(PERCENT)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (5) = 0.230

Y/BW
X/CW

.299	.364	.427	.534	.673	.785	.887
.963 -21.60						

DATE 21 SEP 72

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REMARKS) (27 APR 73)

REFERENCE DATA

SPRF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 8.0000 OPENING = .500
 RUDZLE = -15.0000 ELEVON = .500
 RUDFLR = .0000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -0.170

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2530	-.2600	.2900	.6030	.5070	.4550	.1520
.050				-.6890	-.7120	-.7150	-.7280
.081			-.5260				
.086		-.1350					
.094	-.0940						
.150			-.7390				
.177							
.229	-.1120						
.245		-.3340					
.250							
.382	-.0920						
.400							
.402							
.497	-.2660						
.550							
.565							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = 1.099 BETAT (2) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4230	-.4890	.1800	.5410	.4540	.4180	.1010
.050				-.6890	-.6330	-.7140	-.7320
.081							
.086							
.094							
.150							
.177							
.229							
.245							
.250							
.382							
.400							
.402							
.497							
.550							
.565							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2448

AMES 11-707 1A9 OCA + S3 + T9 UPPER WING

(REMOVED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE C_p

MACH (1) = 1.099 BETAT (2) = -4.070

Y/DW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	-1.1790						
.246		-1.2530					
.250							
.362	-1.0780						
.400							
.402							
.497	-1.2390						
.550							
.565							
.600							
.650							
.700	-1.3290						
.725							
.750							
.760							
.775							
.808							
.834	-1.0060						
.850							
.857							
.865	-1.1040						
.900	-1.0330						
.905							
.950							
.953							
.965	.0420						
.020	.299	.364	.427	.534	.673	.780	.887
.050	-1.3960	-1.5190	.0960	.4670	.4140	.3820	.0670
.081							
.086							
.094	-1.3040						
.150							
.177							
.229	-1.1060						
.246		-1.2070					
.250							
.362	-1.0740						
.400							
.402							
.497	-1.2400						

MACH (1) = 1.099 BETAT (3) = .020

Y/DW X/CW	.299	.364	.427	.534	.673	.780	.887
.020							
.050							
.081							
.086							
.094	-1.3040						
.150							
.177							
.229	-1.1060						
.246		-1.2070					
.250							
.362	-1.0740						
.400							
.402							
.497	-1.2400						

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2449

AVES 11-707 IAS O2A + S3 + T9 UPPER WING

(RBWISS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = 1.095 BETAT (4) = 4.160

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 79 TABULATED PRESSURE DATA - 1ASA

AVES 11-707 IAS OBA + S3 + T9 UPPER WING (RBMJ58)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.095	BETAT (4) = 4.160	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW									
		.808			-.3210				
		.834	-.2800						
		.850				-.1290	-.2620	-.4890	
		.857			-.2130				
		.865	-.3180			-.1170			-.5500
		.900	-.2860						
		.905			-.1500				
		.950				-.0920	-.2330	-.4270	
		.953			-.0670				
		.965	-.0680						
MACH (1) = 1.097	BETAT (5) = 8.310	Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW									
		.500	-.6640	-.2950	-.1550	.1240	.1890	.2480	-.0410
		.503				-.6320	-.7280	-.7480	-.7700
		.581		-.1770	-.1830				
		.586							
		.594	-.7140			-.4100	-.6010	-.8030	-.8500
		.150			-.2910				
		.177							
		.229	.0090	-.1530					
		.246				-.4280	-.5990	-.8060	-.8950
		.290							
		.352	-.0150			-.5150	-.6370		-.7260
		.400			-.3010				
		.402	-.1870			-.3040	-.4940		
		.497			-.3230				-.7060
		.550							
		.565							
		.600						-.3790	
		.650	-.1810						
		.700				-.3290			
		.725							
		.750			-.3000				
		.760							
		.775			-.3140				
		.808	-.2640						
		.834							
		.850							
		.857			-.3030				
		.865	-.3200			-.3360	-.1900	-.3210	
		.900	-.2970						
		.905			-.2920				
		.950				-.1340	-.1250	-.2220	
		.953			-.2340				

DATE 21 SEP 73

INSULATED PRESSURE DATA - 1A9A

PAGE 2451

AMES 11-737 1A9 OEA + S3 + T9 UPPER WING

(254238)

SECTION 1 UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.597 BETA* (5) = 8.310

Y/B_W
Y/C_W

.299 .364 .427 .534 .673 .780 .887

.965 -.2840

MACH (2) = 1.245 BETA* (1) = -8.110

Y/B_W
Y/C_W

.299 .364 .427 .534 .673 .780 .887

.000 -.1180 -.1560 .3890 .7200 .6320 .5990 .3350

.080 .081 .086 -.1030 -.3510 -.4610 -.4710 -.4730

.094 .150 .177 -.5510 -.5550 -.5820 -.5910

.229 -.5950 -.5790 -.6300 -.6330 -.6330 -.6390

.246 .250 .362 -.1460 -.6830 -.6880 -.6260

.400 .432 .437 -.1930 -.5140 -.6350 -.6710

.550 .555 .600 .650 .5530 -.5530

.720 .725 .750 .750 .5390 -.5390

.775 .808 .834 .850 .4470 -.4470

.857 .857 .857 .857 .3820 -.3820

.857 .857 .857 .857 .5730 -.5730

.857 .857 .857 .857 .1800 -.1800

.857 .857 .857 .857 .3430 -.3430

.857 .857 .857 .857 .1170 -.1170

.857 .857 .857 .857 .2600 -.2600

.857 .857 .857 .857 .0360 -.0360

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

.857 .857 .857 .857 .0420 -.0420

PRESSURE DATA - 1A9A
 NAMES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (2) UPPER WING

$$\text{WACH} (2) = 1.251 \text{ BETAT} (2) = -4.540$$

DEPENDENT VARIABLE CP

Y/B/A
X/C/A
667.299

(RECEIVED)

Y/84	.299	.364	.427	.534	.673	.780	.887
X/04							
.195							
.177			-.5790				
.229	-.1850						
.246		-.3060					
.250							
.362	-.2170			-.6350	-.6370	-.6370	-.6680
.400				-.6630	-.6930		-.6480
.402			-.4650				
.497	-.2130			-.6660	-.6970		
.590			-.7730				-.6580
.565							
.600						-.6420	
.650				-.4830	-.6560		
.700	-.4140						
.725						-.6080	-.6080
.750			-.2540				
.760				-.3070	-.6220		
.775			-.2150				
.803							
.834	-.0680			-.1620	-.5740	-.5660	
.850			-.1680				
.857							
.855	-.1660			-.1300			-.6020
.900	-.1110						
.905			-.1290				
.950				-.1050	-.4790	-.5080	
.953			-.0630				
.965	-.0890						
Y/54	.299	.364	.427	.534	.673	.780	.887
X/04							
.000	-.4120	-.3850	.0550	.5210	.4970	.4730	.2130
.050				-.5200	-.5060	-.5090	-.5120
.081			-.4020				
.086		-.2180					
.094	-.1910			-.5750	-.5760	-.6070	-.6170
.150							
.177			-.4690				
.229	-.2150						
.246		-.2480					
.250				-.6050	-.6420	-.6620	-.6770
.362	-.1520						
.400				-.5920	-.6890		-.6840
.402			-.4200				
.497	-.1940						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 UPPER WING
(RENOUS8)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.2240				
.834	-.1710						
.850							
.857							
.865	-.1990						
.920	-.1590						
.905							
.950							
.953							
.965	-.1570						

MACH (2) = 1.245 BETAT (5) = 8.250

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4750	-.3550	-.1020	.2470	.2780	.3110	.1080
.090				-.4980	-.5440	-.5470	-.5460
.081							
.086							
.094							
.150							
.177							
.229	-.0270						
.246							
.250							
.362	-.0270						
.400							
.402							
.497	-.1570						
.550							
.565							
.600							
.650							
.700	-.2270						
.725							
.750							
.760							
.775							
.808							
.834	-.1820						
.850							
.857							
.865	-.2590						
.900	-.2420						
.905							
.950							
.953							

-.7220
-.6760
-.4100
-.2610
-.5540
-.7090
-.2460
-.3010
-.2820
-.2400
-.2440
-.2250
-.2280
-.1640
-.1980
-.2100

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2455

AMES 11-707 1A9 OCA + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (5) = 0.250

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW	.965	-.2350					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2456

AXES 11-707 1A9 02A + S3 + T9 UPPER WING

BMUS9) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0000 SCALE

PARAETRIC DATA

ALPHAT = -8.000 ORSINC = .500
 RUDDER = -5.000 ELEVON = .500
 RUFLR = .000

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.105 BETAT (1) = -8.180

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0960	-.2550	.4920	.6860	.6270	.5870	.5380
.050				.2670	.2360	.2840	.3030
.081		.0410	.2220				
.086							
.094	.0280						
.150							
.177			.0940				
.229	-.0180						
.246		.1710					
.250							
.362	.0600						
.400							
.402							
.497	.0570						
.550							
.565			.0230				
.600							
.650							
.700	.1130						
.725							
.750							
.760							
.775							
.808							
.834	.0900						
.850							
.857							
.865	-.0110						
.970	.0840						
.955							
.950							
.953							
.965	.1320						
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.970							
.955							
.950							
.953							
.965							
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.970							
.955							
.950							
.953							
.965							

MACH (1) = 1.097 BETAT (2) = -4.070

Y/BW
X/CW

.299 .364 .427 .534 .673 .780 .887
 -.0960 -.2550 .4920 .6860 .6270 .5870 .5380
 .2670 .2360 .2840 .3030
 .0410
 .0280
 -.0180
 .1710
 .0600
 .0570
 .0230
 .1130
 .0900
 -.0110
 .0840
 .1320
 .000
 .050
 .081
 .086
 .094
 .150
 .177
 .229
 .246
 .250
 .362
 .400
 .402
 .497
 .550
 .565
 .600
 .650
 .700
 .725
 .750
 .760
 .775
 .808
 .834
 .850
 .857
 .865
 .970
 .955
 .950
 .953
 .965

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2457

AMES 11-757 1A9 02A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (2) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177			.1120				
.229							
.246							
.250		.1530					
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700		.0720					
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.925							
.950							
.953							
.965							
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.925							
.950							
.953							
.965							

MACH (1) = 1.098 BETAT (3) = .020

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2450

AMES 11-707 1A9 Q2A + S3 + T9 UPPER MING

(REB4059)

SECTION (1) UPPER MING

DEPENDENT VARIABLE CP

MACH (1) = 1.598 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565			-.0560				
.600							
.650							
.700	.0440						
.725							
.750							
.760							
.775							
.808							
.834							
.850	-.0800						
.857							
.865	-.2120						
.900	-.0970						
.905							
.950							
.953							
.965	-.0460						
.550		.299	.364	.427	.534	.673	.780
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = 1.104 BETAT (4) = 4.180

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.550		.299	.364	.427	.534	.673	.780
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

PAGE 2459

AMES 11-707 IA9 OCA + S3 + T9 UPPER WING

(RENS38)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.104 BETAT (4) = 4.160

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			.0000				
.834	.0000			.0000	.0000	.0000	
.850							
.857	.0000		.0000				
.865	.0000			.0000			.0000
.900	.0000						
.905			.0000				
.950				.0000	.0000	.0000	
.953							
.965	.0000						

MACH (1) = 1.099 BETAT (5) = 8.310

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4640	-.3780	.2840	.3600	.2120	.0990	-.0280
.050				.3350	.2870	.3120	.2840
.081		-.0120	.3080				
.086							
.094	-.1040			.1890	.1330	.0690	.0640
.150			.2380				
.177							
.229	-.0320	.1750					
.246				.0660	.0260	.0480	-.0480
.290							
.362	.0630			-.0370	-.0660		-.2210
.400			.0450				
.422	.1780			-.1040	-.1820		
.497							
.550			-.0740				
.565							
.600							-.3930
.650					-.3270		
.700	.0230			-.2430			
.725							
.750							
.760			-.1910				
.775				-.2390	-.2850		
.808			-.2210				
.834	-.1280						
.850				-.2150	-.2360	-.2670	
.857			-.2130				
.865	-.2530						
.900	-.1940			-.1780			-.2340
.905			-.1620				
.950				-.1210	-.1320	-.1470	
.953							
.955			-.1030				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(CONTINUED)

AVES 11-707 1A9 02A + S3 + T5 UPPER MINE

DEPENDENT VARIABLE CP

SECTION (1) UPPER MINE

MACH (1) = 1.099 BETAT (5) = 9.315

Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW	.963	-.1210					

MACH (2) = 1.251 BETAT (1) = -8.120

Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW	.000	-.0730	.2880	.6530	.6330	.604	.5535
	.030			.2730	.2810	.3557	.3480
	.081	.1983					
	.086	.0380					
	.094			.0020	.0020	-.0000	.0540
	.150		.0340				
	.177						
	.229	.0300					
	.246	-.0220					
	.250			-.1180	-.1200	-.1000	-.1350
	.362	-.0210		-.2360	-.2040		-.2450
	.400		-.2340				
	.402						
	.497	.0030		-.2760	-.3470		-.6330
	.550		-.0370				
	.565						
	.630					-.4250	
	.650	.0350		.0250	-.1800		
	.700					-.4270	-.4370
	.725						
	.750		.0630	.0380	-.0870		
	.760						
	.775		.0530				
	.808						
	.834	.0860		.0630	-.0070	-.1030	
	.850						
	.857		.0430				-.2840
	.865	.0400		.0870			
	.900	.0870					
	.905		.1030	.1270	.1130	-.0110	
	.930						
	.953	.0760		.1200			
	.965						

MACH (2) = 1.209 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW	-.0820	-.1690	.1330	.3380	.0720	.4370	.4880
	.000			.2820	.2875	.3330	.3450
	.050						
	.050		.1550				
	.061	-.0010					
	.086						
	.094	.0020					

155 2483

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T3 UPPER WING

(250039)

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (2) = 1.246 BETAT (2) = -4.095

Y/B4
X/O4

.150	.295	.364	.427	.534	.673	.785	.887
.177	-.0290		.0453	.0160	.0315	-.0225	-.0220
.229		-.0500					
.246				-.1030	-.1010	-.1485	-.1380
.250							
.362	-.0440			-.2190	-.2080		-.2410
.400							
.402			-.1680				
.497	-.0280			-.0370	-.3230		
.550			.0210				
.565							-.6380
.600						-.6220	
.650	.0550			-.0330	-.0660		
.700							
.725						-.1710	-.6270
.750			.0130				
.760				-.0100	-.0770		
.775			.0280				
.808							
.834	.0470			.0220	-.0400	-.0550	
.850							
.857			.0300				-.0260
.865	-.0170			.0350			
.900	.0330		.0550		.0680	.0730	
.915							
.950			.0720				
.953	.0420						
.965							
Y/B4	.299	.364	.427	.534	.673	.785	.887
X/O4							
.000	-.1580	-.1960	.0180	.4120	.4210	.3740	.3720
.050				.2990	.2740	.3750	.3740
.081			.1720				
.086	-.0380						
.094	-.0290			.0400	.0470	-.0210	.0130
.150			.0570				
.177							
.229	-.0290						
.246		-.0660					
.250				-.0640	-.1750	-.0720	-.1210
.362	-.0520						
.400				-.1960	-.2020		-.2210
.402			-.1600				
.497	-.0530						

MACH (2) = 1.246 BETAT (3) = .020

DATE 21 SEP 73

TABULATED PRESSURE DATA - 149A

PAGE 2463

AVES 11-707 IAG OEA + S3 + T9 UPPER WING

(RSN099)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.0690				
.834	-.0280						
.850				-.0730	-.0960	-.0680	
.867			-.0730				
.865	-.1270						-.0740
.900	-.0860			-.0600			
.925			-.0510				
.950				-.0080	-.0110	-.0070	
.953			-.1110				
.965	-.0330						

MACH (2) = 1.245 BETAT (5) = 8.250

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.900	-.3850	-.2730	.1290	.3980	.2630	.1630	.1290
.950				.2970	.2040	.2320	.2720
.981			.2560				
.986		-.1030					
.984	-.0630						
.150				.0710	.0560	-.0180	.0850
.177	-.0370		.1570				
.229		-.0210					
.246							
.250				.0010	-.0490	.0620	.0160
.362	-.0490			.0100	.0290		-.1010
.400			-.0290				
.402							
.497	.0590						
.550			.0120				
.565							
.600							
.650							-.2560
.700	.0710				-.1920		
.725					-.1640		
.750				-.0960			
.760						-.2070	-.2800
.775							
.808				-.1160	-.1310		
.834			-.1040				
.850	-.0370						
.857			-.1010				
.865	-.1420			-.0990	-.1460	-.1430	
.900	-.0970						
.905				-.0980			-.1530
.950			-.0780				
.955				-.0540	-.0620	-.0690	
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-757 1A9 02A + S3 + T9 UPPER WING (REVISED)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (5) = 8.255

Y/B4
X/C4

.364	.427	.534	.673	.785	.887
.965	-.5755				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 OGA + S3 + T9 UPPER WING

(REMOVED) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUOFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = 1.101 BETAT (1) = -8.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CA							
.000	-.1250	-.1060	.5520	.7670	.7150	.6950	.6440
.050			.0480	.0170	.0150	.0840	.1260
.081		.0200					
.086							
.094	-.0170						
.150							
.177			-.0770				
.229	-.0610	.0920					
.246							
.250							
.362	.0180						
.400							
.402			-.3750				
.497	-.0200						
.550			-.0390				
.565							
.600							
.650							
.700	.0370						
.725							
.750							
.760							
.775							
.808							
.834	-.0040						
.850							
.857							
.865	-.0800						
.900	-.0480						
.905							
.950							
.953							
.965	.1230						
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CA							
.000	-.2050	-.1550	.4810	.6850	.6240	.5970	.5390
.050				.0370	.0220	.0690	.0930
.081			.0770				
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = 1.101 BETAT (2) = -4.060

61 + ES + V2U 6V; 452-11: 3EN

DEPENDENT VARIABLE CP

[illegible][illegible]

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

(REMARKS)

ANES 11-707 IAS O2A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2280				
.834	-.1520						
.890				-.2340	-.2980	-.3010	
.857			-.2320				
.865	-.2630			-.2250			-.1200
.900	-.2330						
.905			-.1990				
.950				-.1720	-.1710	-.1300	
.953			-.1550				
.965	-.1770						

MACH (1) = 1.100 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000							
.050	-.5790	-.1060	.3270	.4800	.3690	.3110	.2440
.081			.1790	.1750	.1520	.1570	.1350
.086		.0940					
.094	-.1160						
.150				-.1050	-.0250	-.1120	-.1060
.177			.1220				
.229	.0120						
.246		.1390					
.250				-.0490	-.1140	-.1020	-.1820
.362	.0610						
.400				-.1080	-.1500		-.2990
.402			-.0600				
.497	.1020						
.550				-.1460	-.2320		
.565							
.600							
.650	-.0200						
.700				-.2600			
.725					-.3330		
.750							
.760			-.2170				
.775				-.2700	-.3120		
.808			-.2440				
.834	-.1660						
.850				-.2470	-.2900	-.2830	
.857			-.2460				
.865	-.2620						
.900	-.2440			-.2350			-.1110
.955			-.2190				
.950				-.1790	-.1760	-.1370	
.953			-.1770				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2469

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM040)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 8.260

Y/BW	X/QW	.299	.364	.427	.534	.673	.780	.887
.965		-.1910						

MACH (2) = 1.244 BETAT (1) = -0.150

Y/BW	X/QW	.299	.364	.427	.534	.673	.780	.887
.000		.0010	.0020	.3610	.7750	.7390	.7390	.6960
.050					.0970	.1330	.1740	.2250
.081				.0940				
.086			.0050					
.094		.0260						
.150								
.177					-.1260	-.1150	-.1430	-.1500
.229		-.0310		-.1030				
.246			-.0940					
.250					-.2510	-.2620	-.2610	-.2980
.362		-.0930						
.400					-.3410	-.3680		-.3830
.402				-.2370				
.497		-.0730						
.550					-.3820	-.4750		
.565				-.3000				
.600								
.650							-.5450	-.5160
.700		-.0970			-.5010			
.725					-.0570			
.750								
.760				-.0010			-.5460	-.5040
.775					-.0340	-.2650		
.808				.0060				
.834		.0460						
.850								
.857				.0410				
.865		-.0010						
.900		.0290			.0200			-.3820
.905				.0560				
.950					.0610	.0210	-.1150	
.953				.0730				
.965		.0270						

MACH (2) = 1.245 BETAT (2) = -4.060

Y/BW	X/QW	.299	.364	.427	.534	.673	.780	.887
.000		-.0630	-.0800	.2670	.6660	.6380	.6390	.6010
.050					.1030	.1280	.1680	.1990
.081				.0770				
.096		-.0400						
.094		-.0390						

SECTION (1) UPPER WING

MACH (2) = 1.245 BETAT (2) = -4.060

DEPENDENT VARIABLE CP

WJX
WJY

40/x

.299 .364 .427

.153	- .5789
.177	

622	-5765	-1759
-----	-------	-------

552.
627.
627.

007
CATT.
ZAC.

7692. -- 463° 5565. -- 463° 2537. --

.550
 .565
 --.1590

059°
059°

750 - 5000
725

755
756
- 7527

.795	- 1955
.775	
80.0	

.874 -.0010

857
859

0220° - 056°
055° - 598°

955
956
957

.953	.5160
.965	-.5180

100	200	350	427
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$$\text{HATCH} (2) = 1.248 \text{ BETAT} (3) = .010$$

NEW

W

.299 .364 .427

1950 -1960 -1210 .2000

586	587
588	589
590	591
592	593
594	595
596	597
598	599
600	601
602	603
604	605
606	607
608	609
610	611
612	613
614	615
616	617
618	619
620	621
622	623
624	625
626	627
628	629
630	631
632	633
634	635
636	637
638	639
640	641
642	643
644	645
646	647
648	649
650	651
652	653
654	655
656	657
658	659
660	661
662	663
664	665
666	667
668	669
670	671
672	673
674	675
676	677
678	679
680	681
682	683
684	685
686	687
688	689
690	691
692	693
694	695
696	697
698	699
700	701
702	703
704	705
706	707
708	709
710	711
712	713
714	715
716	717
718	719
720	721
722	723
724	725
726	727
728	729
730	731
732	733
734	735
736	737
738	739
740	741
742	743
744	745
746	747
748	749
750	751
752	753
754	755
756	757
758	759
760	761
762	763
764	765
766	767
768	769
770	771
772	773
774	775
776	777
778	779
780	781
782	783
784	785
786	787
788	789
790	791
792	793
794	795
796	797
798	799
800	801
802	803
804	805
806	807
808	809
810	811
812	813
814	815
816	817
818	819
820	821
822	823
824	825
826	827
828	829
830	831
832	833
834	835
836	837
838	839
840	841
842	843
844	845
846	847
848	849
850	851
852	853
854	855
856	857
858	859
860	861
862	863
864	865
866	867
868	869
870	871
872	873
874	875
876	877
878	879
880	881
882	883
884	885
886	887
888	889
890	891
892	893
894	895
896	897
898	899
900	901
902	903
904	905
906	907
908	909
910	911
912	9

0.594 - .0840 .5745

47.
48.
49.

622'	0335'-	0351'-	942'
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.250
 .362 -.1080

2.452	-2495
2.455	

497 - 0680

المجلس الأعلى للدراسات والبحوث

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2471

AMES 11-707 1A9 OCA + S3 + T9 UPPER WING

(REMOVED)

SECTION : 1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (3) = .010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.915							
.950							
.953							
.965							

MACH (2) = 1.252 BETAT (4) = 4.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.500							
.550							
.581							
.586							
.594							
.650							
.677							
.689							
.729							
.746							
.750							
.762							
.770							
.782							
.797							
.850							
.865							
.870							
.880							
.900							
.910							
.920							
.930							
.940							
.950							
.960							
.970							
.980							
.990							
.995							

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1ASA

AVES 11-757 1A9 02A + S3 + T9 UPPER WING

(FEB 74)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.252 BETAT (4) = 4.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.1230				
.834	-.0660						
.850							
.857			-.0970				
.865	-.1440						
.900	-.1170						
.935			-.0790				
.950							
.953			-.0530				
.965	-.0890						

MACH (2) = 1.252 BETAT (5) = 8.210

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4410	-.2450	.2980	.4890	.3610	.3380	.3250
.050				.1130	.1080	.1170	.1150
.081			.1590				
.086		-.0800					
.094	-.1110						
.150							
.177			.0490				
.229	-.0810						
.246		.0410					
.250							
.352	-.0070						
.400							
.402			-.1530				
.497	.0190						
.550			-.0390				
.565							
.600							
.650							
.700	.0020						
.725							
.750							
.760			-.1070				
.775							
.808			-.1390				
.834	-.0750						
.850							
.857			-.1290				
.865	-.1710						
.900	-.1390						
.905			-.1170				
.950							
.953			-.0950				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2473

ANES 11-707 1A9 02A + 03 + T9 UPPER WING

(20000)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.255 BETAT (5) = 8.210

Y/B4	.299	.364	.427	.534	.673	.795	.897
X/C4	.965	-.1200					

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2474

AMES 11-707 IAS O2A + S3 + T9 UPPER WING

(REMARKS) (27 APR 75)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 UREF = 39.8495 INCHES YMRP = .0000 INCHES
 ZREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = .000 OFFSEAL = .500
 RUDDER = -5.000 ELEVON = .000
 RUPTLR = .000

SECTION (1) UPPER WING

DEPENDENT VARIABLE QP

MACH (1) = 1.101 BETAT (1) = -0.200

Y/BW X/CW	.206	.364	.427	.534	.673	.785	.897
.000	-.1290	-.0380	.3240	.7550	.6830	.7000	.5320
.050				-.2820	-.2820	-.2450	-.1500
.081			-.1140				
.086		-.0310					
.094	-.0420						
.150				-.3920	-.3950	-.3940	-.4420
.177			-.2780				
.229	-.0970						
.246		-.0760		-.4760	-.5450	-.5550	-.5950
.250				-.5350	-.6540		-.6570
.362	-.0360						
.405			-.5770				
.402							
.497	-.1330			-.4420	-.7050		
.550			-.1250				-.7780
.565					-.4280	-.7530	
.600				-.1350			
.650				-.0840			
.700	-.0200			-.1370	-.2790		
.725				-.1080			
.750						-.5020	-.7580
.760							
.775							
.808							
.834	-.0250			-.0710	-.0290	-.3060	
.850			-.0810				
.857							
.863	-.1060						
.900	-.0650			.0030			-.3380
.905			-.0310				
.950				.0350	.1340	-.1660	
.953	-.0390		.0280				
.955							

MACH (1) = 1.500 BETAT (2) = -4.090

Y/BW X/CW	.259	.364	.427	.534	.673	.785	.897
.000	-.2100	-.1180	.4670	.6950	.6240	.6340	.5420
.050				-.2370	-.1960	-.1720	-.1140
.081			-.0710				
.086		-.0710					
.094							
.150							
.177							
.229	-.1100						
.246		-.0760		-.4760	-.5450	-.5550	-.5950
.250				-.5350	-.6540		-.6570
.362	-.0360						
.405			-.5770				
.402							
.497	-.1330			-.4420	-.7050		
.550			-.1250				-.7780
.565					-.4280	-.7530	
.600				-.1350			
.650				-.0840			
.700	-.0200			-.1370	-.2790		
.725				-.1080			
.750						-.5020	-.7580
.760							
.775							
.808							
.834	-.0250			-.0710	-.0290	-.3060	
.850			-.0810				
.857							
.863	-.1060						
.900	-.0650			.0030			-.3380
.905			-.0310				
.950				.0350	.1340	-.1660	
.953	-.0390		.0280				
.955							

DATE 21 SEP 73

CALCULATED PRESSURE DATA - 1A9A

PAGE 2475

AMES 11-737 1A9 OCA + S3 + T9 UPPER WING

(23-041)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (2) = -4.090

Y/B4 X/C4	.299	.364	.427	.534	.673	.783	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.809							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							
.299							
.364							
.427							
.534							
.673							
.783							
.887							
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.223							
.246							
.250							
.362							
.400							
.402							
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.550							
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.600							
.650							
.700							
.725							
.750							
.760							
.775							
.809							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							
.299							
.364							
.427							
.534							
.673							
.783							
.887							
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.223							
.246							
.250							
.362							
.400							
.402							
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.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.809							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.955							

MACH (1) = 1.100 BETAT (3) = .020

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2476

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM441)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.920							
.905							
.950							
.953							
.965							

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.020							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.020							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

PAGE 2477

ANES 11-707 IA9 O2A + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-2.400				
.834	-1.900						
.850				-2.290	-2.2910	-2.240	
.857			-2.240				
.865	-2.2740						-5.740
.900	-2.2430			-2.2320			
.905			-2.2080				
.950				-1.760	-1.280	-0.660	
.953			-1.1650				
.965	-1.1860						

MACH (1) = 1.100 BETAT (5) = 8.250

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-6.080	-1.260	.2130	.4590	.4110	.4070	.3860
.050				-0.0700	-0.0810	-0.0780	-0.0410
.081			.0280				
.086		.0640					
.094	-1.1550						
.150				-1.1810	-2.2140	-2.2670	-3.320
.177			-0.0270				
.229	.0430						
.246		.0660					
.250				-2.2020	-2.2330	-2.2760	-3.690
.362	.0180						
.400				-1.1570	-2.2260		-3.630
.402			-1.070				
.497	.0010						
.550				-1.1830	-2.2920		
.565			-1.1500				
.600							-4.730
.650					-4.140		
.700	-0.640			-3.580			
.725				-2.650			
.750			-2.480			-3.850	-3.880
.760							
.775			-2.680	-2.2820	-3.390		
.808							
.834	-2.2150						
.850			-2.660			-2.780	
.857							
.865	-3.3120						-1.010
.900	-2.2780						
.905			-2.2950				
.950				-2.060	-1.790	-1.030	
.953			-2.110				

[illegible]

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2450

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RECAP)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (3) = .020

Y/BA	.299	.364	.427	.534	.673	.780	.887
Y/CA	.590						
	.565						
	.650						
	.705						
	.725						
	.750						
	.765						
	.775						
	.808						
	.834						
	.850						
	.857						
	.865						
	.900						
	.905						
	.950						
	.953						
	.965						

MACH (2) = 1.247 BETAT (4) = 4.110

Y/BA	.299	.364	.427	.534	.673	.780	.887
Y/CA	.590						
	.565						
	.650						
	.705						
	.725						
	.750						
	.765						
	.775						
	.808						
	.834						
	.850						
	.857						
	.865						
	.900						
	.905						
	.950						
	.953						
	.965						

DATE 2: SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2481

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(3300411)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.115

Y/BW	.299	.354	.427	.534	.673	.785	.887
X/CW							
.808							
.834	-.1110						
.850							
.857							
.865	-.1740						
.900	-.1430						
.905							
.950							
.953							
.955	-.0910						

MACH (2) = 1.245 BETAT (5) = 8.200

Y/BW	.2	.427	.534	.673	.785	.887
X/CW						
.000						
.050						
.081						
.086						
.094						
.150						
.177						
.229						
.246						
.250						
.362						
.400						
.402						
.497						
.550						
.565						
.600						
.650						
.700						
.725						
.750						
.760						
.775						
.808						
.834						
.850						
.857						
.865						
.900						
.905						
.950						
.953						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 OCA + S3 + T9 UPPER WING (RENUM1)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 8.200
Y/BW .299 .364 .427 .534 .573 .783 .887
X/CW .965 -.1650

(24 424 72)

॥ श्रीगणेशाय नमः ॥

ALPHAT =	4.500	OFSTNG =	.500
RUMBER =	-5.500	ENSTNG =	.500
RUDFLE =	.000		

DEPENDENT VARIABLE CP

997.

[illegible]

DATE 21 JUL 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 ORA + S3 + T9 UPPER WING

(FPM) 62:

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.002 BETAT (2) = -4.090

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.897
.190							
.177							
.229	-1.1560						
.246		-1.1790					
.250							
.362	-0.5800						
.400							
.402							
.497	-1.1710						
.550							
.555							
.600							
.650							
.700	-2.2350						
.725							
.750							
.760							
.775							
.800							
.834	-1.1180						
.850							
.857							
.865	-2.0000						
.900	-1.1570						
.905							
.950							
.953							
.965	-1.1410						

MACH (1) = 1.099 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.897
.100							
.190							
.181							
.186							
.194	-2.2250						
.195							
.177							
.229	-1.0850						
.245							
.250							
.362	-0.5780						
.400							
.402							

PAGE 2: SEP 73
TABULATED PRESSURE DATA - 1A9A

YEA: - VAVC EGFSSSEH CILTVBVA

अ.प्र. प्रश्न: ६६ + ६७ + १२० ६१: ६७४७: ३३४४

25 JUL 1966

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2286 = 7.40
2287 = 7.41
2288 = 7.42
2289 = 7.43
2290 = 7.44
2291 = 7.45
2292 = 7.46
2293 = 7.47
2294 = 7.48
2295 = 7.49
2296 = 7.50
2297 = 7.51
2298 = 7.52
2299 = 7.53
2300 = 7.54
2301 = 7.55
2302 = 7.56
2303 = 7.57
2304 = 7.58
2305 = 7.59
2306 = 7.60
2307 = 7.61
2308 = 7.62
2309 = 7.63
2310 = 7.64
23

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[illegible]
$$232^{\circ} 6' = 15^{\circ}, 213^{\circ} 6' = 75^{\circ}, 232^{\circ} 6' = 15^{\circ}, 213^{\circ} 6' = 75^{\circ}$$

2125 2437

ABSLATED PRESSURE DATA - 1001

DATE 21 SEP 72

STATION

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SECTION 100 100 100 100 100

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AXES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBM42)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.1510				
.834	-.1430						
.850				-.1410	-.2100	-.3320	
.857			-.1360				
.865	-.2080						-.5340
.900	-.1550			-.1330			
.905			-.1160				
.950				-.1040	-.0630	-.1620	
.953			-.1000				
.965	-.1320						

MACH (2) = 1.246 BETAT (5) = 8.210

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4710	-.2640	.0420	.4090	.3370	.3820	.2360
.050				-.2920	-.3350	-.3770	-.3390
.081			-.0860				
.086		-.1250					
.094	-.3750						
.150				-.2890	-.3640	-.4320	-.4890
.177			-.1710				
.229	-.0250						
.246		-.0610					
.250				-.3330	-.4230	-.4990	-.5510
.362	-.0270						
.400				-.4000	-.4680		-.5750
.402			-.3400				
.497	-.1030						
.550			-.2180		-.5140		
.565							
.600							-.6270
.650					-.3080		
.700	-.1430						
.725			-.1900				
.750							-.3930
.760			-.1810				
.775				-.2010	-.2670		
.808			-.2070				
.834	-.1500						
.850				-.1900	-.2080	-.2690	
.857			-.1930				
.865	-.2200						
.900	-.2070			-.1910			-.3680
.905			-.1690				
.950				-.1630	-.1290	-.1360	
.953			-.1670				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2491

AMES 11-707 1A9 OEA + S3 + T9 UPPER WING

(RBMJ42)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (5) = 8.210

Y/BW

.299

.364

.427

.534

.673

.789

.887

X/CW

.965

-.1970

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBMJ43) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 PREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 OGBINC = .50
 RUDDER = -5.000 ELEVON = .00
 RUDDLR = .000

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.10; BETAT (1) = -6.160

Y/BW X/CW	.299	.364	.427	.534	.673	.790	.887
.000	-.2210	-.2560	.2690	.6080	.5100	.4580	.1400
.050				-.6890	-.7250	-.7130	-.7250
.081			-.5320				
.086		-.1370					
.094		-.1040					
.150							
.177			-.7290		-.7710	-.7870	-.8300
.229	-.1130						
.246		-.3400					
.250					-.8470	-.8040	-.8750
.362		-.1040			-.7710	-.7180	-.5290
.400			-.6080				
.402							
.497	-.2750				-.6420	-.6750	
.550			-.4980				-.5080
.565							
.600							
.650						-.5430	
.700	-.5150				-.4420		
.725							
.750							
.760			-.2190				
.775					-.3580	-.4250	
.808					-.1590		
.834	.0190						
.850					-.2800	-.4460	
.857							
.865	-.1390						
.900	-.0300						
.905							
.950							
.953					-.1770	-.4090	-.5360
.965	.0420						
.965							

MACH (1) = 1.097 BETAT (2) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4130	-.4610	.2040	.5450	.4640	.4190	.0910
.050				-.6810	-.7220	-.7210	-.7150
.081			-.4730				
.086							
.094		-.2060					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2493

AMES 11-707 1A9 ORA + S3 + T9 UPPER WING

(REMARKS)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (2) = -4.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.925							
.950							
.953							
.965							
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.925							
.950							
.953							
.965							

MACH (1) = 1.101 BETAT (3) = .010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.925							
.950							
.953							
.965							
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.925							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2495

AMES 11-707 IAS OCA + S3 + T9 UPPER WING

(RENOJ43)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (4) = 4.150

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.3283				
.834	-.2550						
.851				-.1310	-.2630	-.4940	
.857			-.2090				
.865	-.3320						
.900	-.2910			-.1230			-.5550
.905			-.1480				
.930				-.0930	-.2390	-.4320	
.953			-.0660				
.965	-.0870						

MACH (1) = 1.099 BETAT (5) = 8.300

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.6680	-.2450	-.1300	.1320	.1750	.2320	-.0730
.050				-.6490	-.7620	-.7630	-.7780
.081			-.1850				
.086	-.1600						
.094	-.6810			-.4110	-.6220	-.8150	-.8540
.150			-.2960				
.177							
.229	.0140						
.246		-.1530					
.250				-.4330	-.5890	-.8230	-.8990
.362	-.0280			-.5190	-.6190		-.7500
.400			-.4970				
.402							
.497	-.1950			-.3230	-.4510		
.550			-.3340				
.565							
.600							
.650						-.3860	-.7220
.700	-.1870				-.3950		
.725			-.3250				
.750							
.760			-.3060			-.3660	-.7010
.775				-.3470	-.2630		
.808			-.3240				
.834	-.2550						
.850				-.3310	-.1960	-.3070	
.857			-.3060				
.865	-.3280						
.900	-.3030			-.2760			-.6450
.955			-.2830				
.950				-.1450	-.1280	-.2150	
.953			-.2290				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2/96

AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBM043)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.965	-.2840					

MACH (2) = 1.245 BETAT (1) = -0.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.1190	.3940	.7210	.6350	.6030	.3200
	.050			-.4530	-.4840	-.4710	-.4730
	.081	-.3420					
	.086	-.0580					
	.094	-.0260					
	.150			-.5480	-.5520	-.5840	-.5520
	.177		-.5720				
	.229	-.0930					
	.246	-.2690					
	.250			-.6270	-.6290	-.6520	-.6530
	.362	-.1430		-.6800	-.6820		-.6210
	.400		-.5310				
	.402						
	.497	-.1870					
	.590		-.5390		-.6330		
	.565						
	.600						
	.650						-.6120
	.700	-.4440		-.4230	-.6070		
	.725						
	.750		-.2600			-.5680	-.5660
	.760			-.3430	-.5940		
	.775		-.1870				
	.808						
	.834	-.0790		-.3930	-.5720	-.5490	
	.850						
	.857		-.1500				
	.865	-.1100					-.5620
	.900	.0110		-.4080			
	.905		-.0950				
	.950			-.3010	-.4990	-.5140	
	.953		-.0630				
	.965	-.0070					

MACH (2) = 1.249 BETAT (2) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	.000	-.3010	-.3270	.2390	.6290	.5570	.5340
	.050						.2370
	.081				-.4860	-.5070	-.4970
	.086		-.3850				-.5510
	.094	-.1860					
	.194	-.1180					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2497

AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(REMARKS)

SECTION (2) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.040

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.190							
.177							
.229	-.1830		-.5790	-.5680	-.5670	-.5970	-.6590
.246		-.3090					
.250				-.6370	-.6400	-.6630	-.6730
.362	-.2180			-.6650	-.6950		-.6470
.400			-.4750				
.402							
.497	-.2130			-.6740	-.6970		
.550			-.4800				
.555							
.600							
.650						-.6420	-.6640
.700	-.4100			-.4430	-.6590		
.725						-.6110	-.6010
.790			-.2550				
.760				-.2940	-.6310		
.775			-.1960				
.808							
.834	-.0880						
.890			-.1400	-.1840	-.5860	-.5820	
.857							
.865	-.1680			-.1740			-.6500
.900	-.1180						
.905			-.0960				
.950			-.0560	-.1430	-.4810	-.5300	
.953							
.965	-.0570						

MACH (2) = 1.246 BETAT (3) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.4150	-.3900	.0520	.5140	.4770	.4690	.1900
.081			-.3990	-.5190	-.5240	-.5140	-.5180
.086		-.2160					
.094	-.1910						
.150							
.177			-.4630	-.5750	-.5770	-.6060	-.6210
.229	-.2140						
.246		-.2440					
.250				-.6060	-.6420	-.6660	-.6810
.362	-.1510						
.400				-.5930	-.6900		-.6790
.402			-.4170				
.497	-.1940						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AVES 11-707 IAS OBA + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.246	BETAT (3) = .020	Y/BW X/CM	.299	.364	.427	.534	.673	.780	.887
		.590			-.4560	-.5070	-.7010		-.6840
		.565						-.6810	
		.600						-.6650	
		.650							-.6330
		.700	-.3970			-.2970			
		.725							
		.750			-.2660	-.2190	-.6200		
		.760			-.2320				
		.775							
		.808							
		.834	-.1180			-.1770	-.5340	-.6010	
		.850							
		.857			-.1870				
		.865	-.1980			-.1680			-.5910
		.900	-.1630		-.1180				
		.905				-.1500	-.3890	-.5320	
		.950			-.0790				
		.953							
		.965	-.1570						
MACH (2) = 1.245	BETAT (4) = 4.130	Y/BW X/CM	.299	.364	.427	.534	.673	.780	.887
		.000	-.4360	-.3970	-.0140	.4200	.4040	.4380	.1620
		.050				-.5310	-.5320	-.5100	-.5190
		.081			-.2780				
		.086		-.1840					
		.084	-.3640			-.5060	-.5690	-.6010	-.6230
		.150							
		.177			-.2930				
		.229	-.1850						
		.246		-.1750					
		.250				-.4740	-.6170	-.6540	-.6810
		.362	-.0890						
		.400				-.4860	-.6340		-.7020
		.402			-.4120				
		.497	-.1770						
		.550			-.3910	-.4600	-.6620		
		.565							-.7180
		.600						-.7510	
		.650							
		.700	-.2740				-.5940		
		.725				-.2740			
		.750						-.7520	-.7120
		.760			-.2580				
		.775				-.2050	-.3930		

DATE 21 SEP 72

TABULATED PRESSURE DATA - 1A9A

PAGE 2429

AVES 11-707 1A9 08A + S3 + T9 UPPER W/ 15

(REDOA3)

SECTION: 1: UPPER W/ 15

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.135

Y/CM	Y/CM	.299	.364	.427	.534	.673	.780	.887
.858				-.2250				
.834	-.1720							
.850								
.857				-.2050				
.865	-.2150							
.900	-.1640							
.905				-.1740				
.950								
.953				-.1550				
.965	-.1650							

MACH (2) = 1.245 BETAT (5) = 6.250

Y/CM	Y/CM	.299	.364	.427	.534	.673	.780	.887
.000	-.4800	-.3750		-.1090	.2580	.2860	.3120	.3790
.050					-.5010	-.5570	-.5510	-.5450
.081				-.1560				
.086	-.1550							
.094	-.5640							
.150								
.177				-.2530				
.229	-.0470							
.246								
.250				-.1780				
.352	-.0280							
.400								
.402				-.4000				
.497	-.1530							
.550				-.3200				
.555								
.600								
.650								
.700	-.2320							
.725								
.750								
.760				-.2420				
.775								
.809				-.2620				
.834	-.1890							
.850								
.857				-.2330				
.865	-.2520							
.900	-.2460							
.905				-.2100				
.950								
.953				-.2030				

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 OEA + S3 + T9 UPPER WING (REF:143)

SECTION (1) UPPER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 8.250 Y/BW .299 .364 .427 .534 .673 .780 .887
X/QW .965 -.2280

DATE 21 SEP 73

TALLIATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 UPPER WING

PAGE 25-1

(REV 044) (27 SEP 73)

REFERENCE DATA

SREF = 2.4210 S3.FT. XGRP = 28.1300 INCHES
 LREF = 39.8490 INCHES YGRP = .0070 INCHES
 BREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) UPPER WING

MACH (1) = .600 ALPHAT (1) = -0.050

DEPENDENT VARIABLE CP

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	-.1640	-.3880	-.0600	-.1960	-.2890	-.9230	-.4530
.000				.2740	.2820	.2600	.2850
.050			.2170				
.081		.0570					
.086	.0850			.0140	-.0080	-.0220	-.0270
.094							
.150							
.177	.0850		.0620				
.229		.1000					
.246				-.1330	-.1450	-.1450	-.1500
.250	.0650			-.2240	-.2300		-.2760
.362			-.1830				
.400							
.402	-.0020						
.497			-.1680				
.550							
.565							
.600							
.650	-.0960			-.0420			
.700							
.725							
.750							
.760							
.775							
.808							
.834	-.0150						
.850							
.857							
.865	-.0090						
.900	.0330						
.905							
.950							
.953							
.965	.0080						
Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW	-.1060	-.2500	.0600	.0450	-.0570	-.2540	-.1750
.000				.1970	.0520	.2780	.1940
.050			.1470				
.081		.0500					
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = .600 ALPHAT (2) = -5.990

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2503

AVES 11-707 1A9 02. + S3 + T9 UPPER WING

(SERIAL)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(3) = -3.990

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.867
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (1) = .599 ALPHAT(4) = -1.970

Y/BW X/CW	.299	.364	.427	.534	.573	.780	.867
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.352							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-757 1A9 C2A + S3 + T9 UPPER WING

(RBMU44)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(4) = -1.970

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			.0120				
.834	-.0320			.0740	.0870	.1050	
.850			.0460				
.857							.1330
.865	-.0130			.1050			
.900	.0240		.0680				
.905				.1300	.1450	.1540	
.950			.0910				
.953							
.965	.0190						
Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.020	-.0620	-.0380	.2790	.4600	.4270	.4250	.3960
.081			-.1400	-.1380	-.1550	-.1940	-.2070
.086		.0170					
.094							
.150				-.3170	-.3910	-.4730	-.4840
.177			-.2220				
.229	-.0170						
.246		-.1010					
.250				-.3960	-.4530	-.4620	-.4430
.362	-.1120			-.3830	-.4350		-.4460
.400			-.3330				
.402							
.497	-.1700			-.2580	1.1830		
.550			-.2340				
.565							
.600							
.650						-.1570	-.2280
.700	-.1640			-.0600			
.725						-.0380	-.0180
.750							
.760			-.0350	.0230	.0220		
.775			.0120				
.808							
.834	-.0410						
.850				.0750	.0860	.1030	
.857			.0430				
.865	-.0150						
.900	.0230		.0680	.1040			.1320
.905							
.950				.1290	.1440	.1540	
.953			.0950				

MACH (1) = .630 ALPHAT(5) = .080

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM044)

DATE 21 SEP 73

DEPENDENT VARIABLE CP

SECTION (1) UPPER WING

MACH (1) = .600 ALPHAT(5) = .060

Y/BW .299 .364 .427 .534 .673 .780 .887

X/CW .965

MACH (1) = .600 ALPHAT(6) = 2.070

Y/BW .299 .364 .427 .534 .673 .780 .887

X/CW .965

.000 .000 .2750 .4850 .4400 .4450 .3230

.000 .000 .2750 .4850 .4400 .4450 .3230

.050 .050 .2750 .2770 .3260 .4120 .4240

.050 .050 .2750 .2770 .3260 .4120 .4240

.081 .081 .0080 .0080 .0080 .0080 .0080

.081 .081 .0080 .0080 .0080 .0080 .0080

.086 .086 .0010 .0010 .0010 .0010 .0010

.086 .086 .0010 .0010 .0010 .0010 .0010

.094 .094 .0010 .0010 .0010 .0010 .0010

.094 .094 .0010 .0010 .0010 .0010 .0010

.150 .150 .0010 .0010 .0010 .0010 .0010

.150 .150 .0010 .0010 .0010 .0010 .0010

.177 .177 .0010 .0010 .0010 .0010 .0010

.177 .177 .0010 .0010 .0010 .0010 .0010

.229 .229 .0010 .0010 .0010 .0010 .0010

.229 .229 .0010 .0010 .0010 .0010 .0010

.246 .246 .0010 .0010 .0010 .0010 .0010

.246 .246 .0010 .0010 .0010 .0010 .0010

.362 .362 .0010 .0010 .0010 .0010 .0010

.362 .362 .0010 .0010 .0010 .0010 .0010

.400 .400 .0010 .0010 .0010 .0010 .0010

.400 .400 .0010 .0010 .0010 .0010 .0010

.402 .402 .0010 .0010 .0010 .0010 .0010

.402 .402 .0010 .0010 .0010 .0010 .0010

.497 .497 .0010 .0010 .0010 .0010 .0010

.497 .497 .0010 .0010 .0010 .0010 .0010

.550 .550 .0010 .0010 .0010 .0010 .0010

.550 .550 .0010 .0010 .0010 .0010 .0010

.565 .565 .0010 .0010 .0010 .0010 .0010

.565 .565 .0010 .0010 .0010 .0010 .0010

.600 .600 .0010 .0010 .0010 .0010 .0010

.600 .600 .0010 .0010 .0010 .0010 .0010

.650 .650 .0010 .0010 .0010 .0010 .0010

.650 .650 .0010 .0010 .0010 .0010 .0010

.700 .700 .0010 .0010 .0010 .0010 .0010

.700 .700 .0010 .0010 .0010 .0010 .0010

.725 .725 .0010 .0010 .0010 .0010 .0010

.725 .725 .0010 .0010 .0010 .0010 .0010

.750 .750 .0010 .0010 .0010 .0010 .0010

.750 .750 .0010 .0010 .0010 .0010 .0010

.760 .760 .0010 .0010 .0010 .0010 .0010

.760 .760 .0010 .0010 .0010 .0010 .0010

.775 .775 .0010 .0010 .0010 .0010 .0010

.775 .775 .0010 .0010 .0010 .0010 .0010

.808 .808 .0010 .0010 .0010 .0010 .0010

.808 .808 .0010 .0010 .0010 .0010 .0010

.834 .834 .0010 .0010 .0010 .0010 .0010

.834 .834 .0010 .0010 .0010 .0010 .0010

.850 .850 .0010 .0010 .0010 .0010 .0010

.850 .850 .0010 .0010 .0010 .0010 .0010

.857 .857 .0010 .0010 .0010 .0010 .0010

.857 .857 .0010 .0010 .0010 .0010 .0010

.865 .865 .0010 .0010 .0010 .0010 .0010

.865 .865 .0010 .0010 .0010 .0010 .0010

.900 .900 .0010 .0010 .0010 .0010 .0010

.900 .900 .0010 .0010 .0010 .0010 .0010

.905 .905 .0010 .0010 .0010 .0010 .0010

.905 .905 .0010 .0010 .0010 .0010 .0010

.950 .950 .0010 .0010 .0010 .0010 .0010

.950 .950 .0010 .0010 .0010 .0010 .0010

.953 .953 .0010 .0010 .0010 .0010 .0010

.953 .953 .0010 .0010 .0010 .0010 .0010

.965 .965 .0010 .0010 .0010 .0010 .0010

.965 .965 .0010 .0010 .0010 .0010 .0010

MACH (1) = .600 ALPHAT(7) = 4.010

Y/BW .299 .364 .427 .534 .673 .780 .887

X/CW .965

.000 .000 .2380 .4500 .3800 .3510 .0820

.000 .000 .2380 .4500 .3800 .3510 .0820

.080 .080 .2380 .4500 .3800 .3510 .0820

.080 .080 .2380 .4500 .3800 .3510 .0820

.081 .081 .2380 .4500 .3800 .3510 .0820

.081 .081 .2380 .4500 .3800 .3510 .0820

.086 .086 .2380 .4500 .3800 .3510 .0820

.086 .086 .2380 .4500 .3800 .3510 .0820

.094 .094 .2380 .4500 .3800 .3510 .0820

.094 .094 .2380 .4500 .3800 .3510 .0820

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM044)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .598 ALPHAT(8) = 6.040

Y/BW .299 .364 .427 .534 .673 .780 .887
X/CW .550 .565 .600 .650 .700 .725 .750 .760 .775 .808 .834 .850 .857 .865 .900 .905 .950 .953 .965

-.2620 -.2910 1.1860
-.1920 -.3210

-.1080 -.0600 -.0340 -.0860

-.0360 .0240 .0070 .0080

.0440 .0740 .0770 .0800

.1040 .1340 .1420 .1360 .0770

.1010

MACH (1) = .599 ALPHAT(9) = 8.020

Y/BW .299 .364 .427 .534 .673 .780 .887
X/CW .000 .050 .081 .086 .094 .150 .177 .229 .246 .250 .362 .400 .402 .497 .550 .565 .600 .650 .700 .725 .750 .760 .775

-.2090 -.2090 .0830 .2590 -.8060 -.7030

-.1220 -.0680 -.7900 -.9140 -1.1230 -1.1240

-.5600

-.3650

-.6750 -.7910 -.8370 -.8360

-.5130 -.6030 -.7020

-.4400 -.2950 1.1670

-.2660 -.3680

-.1200

-.0590 -.0530 -.1310

-.0500 .0200 -.0010

TABULATED PRESSURE DATA - 1A9A

DATE 21 SEP 73

AMES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBNM44)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (1) = .999 ALPHAT(9) = 8.020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			.0010				
.834	-.0310						
.850				.0720	.0690	.0600	
.857			.0350				
.865	.0000			.1020			.0280
.900	.0380		.0670				
.905				.1220	.1260	.1190	
.950			.1050				
.953							
.965	.0550						

MACH (2) = .901 ALPHAT(1) = -8.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0710	-.2660	.1510	.2080	.1120	-.0190	-.0820
.050				.3280	.2950	.2840	.2300
.081		.1220	.2860				
.086	.1350			.0780	.0130	-.0390	-.0960
.094			.1350				
.150							
.177	.1310	.1690		-.0840	-.1510	-.1670	-.2650
.229				-.2320	-.3320		-.4820
.246							
.250	.1380		-.1600				
.362				-.3130	.7590		
.400	.0810		-.2650				
.402							
.497							
.550							
.565							
.600							
.650							
.700	-.1400						
.725							
.750							
.760							
.775							
.808							
.834	-.0770						
.850							
.857							
.865	-.0240						
.900	.0290						
.915							
.950							
.953							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RBMU44)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .901 ALPHAT (1) = -8.070

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	.0170						

MACH (2) = .901 ALPHAT (2) = -6.030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0400	-.1580	.2220	.3050	.2100	.1150	.0570
.050				.2460	.2140	.2070	.1660
.081		.1080	.2140				
.086							
.094	.1130						
.150				.0310	-.0670	-.1410	-.1960
.177			.0670				

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.229	.0990						
.246		.1240					
.250				-.1590	-.2330	-.2390	-.3390
.362	.0890			-.2830	-.3840		-.5480
.400			-.2080				
.402							
.497	.0300		-.2970				
.550				-.3550	.7590		
.565							-.4350
.600						-.2550	
.650					-.1160		
.700	-.1750			-.0840			
.725						.0250	.0260
.750							
.760				-.0680			
.775				.0330	.0390		
.808			.0080				
.834	-.1060						
.850				.0930	.1240	.1440	
.857			.0500				
.865	-.0280						.1610
.920	.0300			.1180			
.905			.0720				
.950				.1310	.1810	.1940	
.953			.0850				
.965	.0180						

MACH (2) = .699 ALPHAT (3) = -4.020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.0170	-.0680	.2880	.4040	.3170	.2410	.1900
.081				.1960	.1250	.1080	.0910
.086			.1290				
.094	.0970						
.1000							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2510

AMES 11-707 1A9 OEA + S3 + T9 UPPER WING

(RBMU44)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .899 ALPHAT(3) = -4.020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.150							
.177							
.229	.0780						
.246		.0600					
.250							
.362	.0480						
.400							
.402							
.497	-.0170						
.550							
.565							
.600							
.650							
.700	-.2020						
.725							
.750							
.760							
.775							
.808							
.834							
.850	-.1250						
.857							
.865	-.0240						
.900	.0270						
.905							
.950							
.953							
.965	.0250						

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.0100						
.081							
.086							
.094	.0860						
.150							
.177							
.229	.0550						
.246							
.250		.0330					
.362	.0210						
.400							
.402							
.497	-.0710						

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

MACH (2) = .940 ALPHAT(4) = -1.690

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 Q2A + S3 + T9 UPPER WING

(RBM044)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .940 ALPHAT(4) = -1.890

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.940							
.950							
.953							
.965							

MACH (2) = .902 ALPHAT(5) = .010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.070							
.090							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBM044)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .902 ALPHAT (5) = .010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			.0210				
.834	-.1420						
.850				.1210	.1370	.1380	
.857			.0790				.1720
.865	-.0150			.1480			
.900	.0360		.1060				
.905				.1640	.1380	.2010	
.950			.1270				
.953							
.965	.0570						

MACH (2) = .902 ALPHAT (6) = 1.990

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0710	.0370	.3480	.5500	.4950	.4880	.3920
.050				-.1900	-.2570	-.2760	-.3210
.081			-.1840				
.086		.0410					
.094				-.4480	-.4860	-.6370	-.7140
.150			-.2230				
.177							
.229	.0110						
.246		-.0760					
.250				-.4750	-.6210	-.6780	-.8440
.362	-.0910			-.5180	-.6700		-.8120
.400			-.4290				
.402							
.497	-.1790			-.4740	.7620		
.550			-.4000				
.565							
.600							
.650							-.3280
.700	-.2930				-.1120	-.2300	
.725				-.0750			
.750							
.760			-.0520				
.775				.0450	.0130		
.808			.0270				
.834	-.1350			.1180	.1240	.1320	
.850			.0820				
.857							
.865	-.0100						.1780
.900	.0480			.1450			
.905			.1140				
.950				.1710	.2060	.2050	
.953			.1340				

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

PAGE 2513

AMES 11-707 IA9 O2A + S3 + T9 UPPER WING (RBM044)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .902 ALPHAT(6) = 1.990

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	.0710						

MACH (2) = .901 ALPHAT(7) = 4.010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1390	.0050	.3190	.5300	.4580	.4560	.2720
.050				-.3110	-.4120	-.5140	-.5310
.081			-.3080				
.086		.0160					
.094	.0290						
.150							
.177							
.229	-.0070		-.2670				
.246							
.250		-.1390					
.362				-.5390	-.7210	-.8280	-.9700
.400							
.402				-.6340	-.7740		-.9250
.497			-.4900				
.550	-.2300						
.565				-.5090	.7630		
.600			-.4410				
.650							
.700	-.3280				-.1240		-.4390
.725				-.0700			
.780						-.0710	-.3430
.760			-.0670				
.775				.0370	.0120		
.808			.0190				
.834	-.1270						
.850				.1020	.1270	.1680	
.857			.0780				
.865	.0140						
.920	.0560			.1470			-.0100
.905			.1160				
.950				.1760	.2020	.1860	
.953			.1430				
.965	.0890						

MACH (2) = .904 ALPHAT(8) = 6.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.2230	-.0720	.2790	.4970	.3780	.3610	.1970
.050				-.6560	-.6200	-.7440	-.7600
.081			-.4010				
.086		-.0140					
.094	.0140						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBMU44)

AVES 11-707 1A9 O2A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .924 ALPHAT(8) = 6.000

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.897
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.785							
.897							
.3020							
.3020							
.381							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.785							
.897							
.3020							
.3020							
.381							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (2) = .898 ALPHAT(9) = 7.990

Y/BW X/CW	.299	.364	.427	.534	.673	.785	.897
.3020							
.3020							
.381							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							
.299							
.364							
.427							
.534							
.673							
.785							
.897							
.3020							
.3020							
.381							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.803							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

DATE 2: SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REB01A66)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (2) = .898 ALPHAT (9) = 7.990

Y/BW
X/CW

Y/BW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.580							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (3) = 1.103 ALPHAT (1) = -8.010

Y/BW
X/CW

Y/BW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(230444)

AVES 11-707 1A9 O2A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.103 ALPHAT(1) = -8.010

Y/BW X/CW	.299	.364	.427	.534	.573	.780	.897
.808							
.834	-.0480						
.850							
.857							
.865	-.1540						
.930	-.0460						
.905							
.950							
.953							
.965	.0200						

MACH (2) = 1.257 ALPHAT(2) = -5.990

Y/BW X/CW	.299	.364	.427	.534	.573	.780	.897
.808							
.834	-.2860	-.4340	.3430	.4920	.4130	.3340	.2970
.850				.7900	.3050	.3320	.3150
.857							
.865							
.930		.0590	.2840				
.905							
.950	-.0490						
.953							
.965							

Y/BW X/CW	.299	.364	.427	.534	.573	.780	.897
.808							
.834							
.850							
.857							
.865							
.930							
.905							
.950							
.953							
.965							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(RBM44)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT (4) = -1.990

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.150							
.177			.0470				
.229	-.0610						
.246		.1030					
.250							
.362	.0060						
.400							
.402							
.497	.0200						
.550							
.565							
.600							
.690							
.700	.0170						
.725							
.750							
.760							
.775							
.808							
.834	-.0990						
.850							
.857							
.865	-.1950						
.900	-.1400						
.905							
.950							
.953							
.965	-.0930						

MACH (3) = 1.100 ALPHAT (5) = .030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.000							
.050	-.2900	-.1480	.4170	.6240	.5580	.5540	.5120
.081							
.086		.0610	.0580	-.0130	.0020	-.0040	.0100
.094	-.0870						
.150							
.177							
.229	-.0650						
.246		.0530					
.250							
.362	-.0140						
.400							
.402							
.497	-.0490						

28

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

PAGE 2519

AXES 11-707 1A9 OCA + S3 + T9 UPPER WING

(RBM444)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.100 ALPHAT(5) = .030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.950							
.953							
.965							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.950							
.953							
.965							

MACH (3) = 1.101 ALPHAT(6) = 2.040

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2520

AMES 11-707 1A9 OEA + S3 + T9 UPPER WING (R04044)

SECTION (3) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.101 ALPHAT(6) = 2.040

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.1800				
.834	-.1460						
.850				-.1850	-.2090	-.1270	
.857			-.1760				
.865	-.2050						
.900	-.1720			-.1630			-.0710
.905			-.1590				
.950				-.0870	-.0100	.0100	
.953			-.1190				
.965	-.1430						

MACH (3) = 1.102 ALPHAT(7) = 3.980

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.3490	-.1402	.3580	.5920	.5390	.5480	.4330
.050				-.3050	-.3040	-.3230	-.2940
.081			-.0910				
.086		.0100					
.094	-.1570			-.3530	-.4170	-.4730	-.5040
.150			-.2460				
.177							
.229	-.0360						
.246		-.1070					
.250				-.4130	-.5210	-.5830	-.6370
.362	-.0600			-.5200	-.6060		-.6850
.400							
.402			-.4480				
.497	-.1350						
.530			-.1970	-.2680	-.6560		
.565							
.600							
.650						-.7460	
.700	-.1290				-.3000		
.725				-.2310			
.750							
.760			-.1830				
.775				-.2260	-.2740		
.808			-.1860				
.834	-.1610						
.850				-.1850	-.1550	-.1920	
.857			-.1870				
.865	-.2270						
.900	-.1850						
.905			-.1510				-.3310
.950			-.1600				
.953				-.0770	.0070	.0030	
			-.1220				

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

PAGE 2521

AVES 11-707 IA9 O2A + S3 + T9 UPPER WING

(RBM044)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(7) = 3.980

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.1500						

MACH (3) = 1.105 ALPHAT(8) = 6.030

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.3950	-.2550	.3160	.5920	.5320	.5290	.3290
.050				-.3710	-.4010	-.4780	-.4460
.081			-.1630				
.086		-.0290					
.094	-.1950						
.150				-.4440	-.5210	-.5770	-.6380
.177			-.3190				
.229	-.0500						
.246		-.1450					
.250				-.4960	-.6380	-.6690	-.7240
.362	-.0700			-.5560	-.6580		-.7490
.400			-.4920				
.402							
.497	-.1570			-.5160	-.7050		
.550			-.2870				
.565							-.6430
.650					-.4560		
.700	-.2080			-.2330			
.725						-.4420	-.6170
.750			-.2090				
.760				-.2390	-.3280		
.775			-.2150				
.808							
.834	-.1440						
.850				-.1810	-.0870	-.3050	
.857			-.1920				
.865	-.2350						
.900	-.2000			-.0950			-.6000
.905			-.1700				
.950				-.0160	.0700	-.2590	
.953			-.1030				
.965	-.1540						

MACH (3) = 1.102 ALPHAT(9) = 8.010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4470	-.4460	.2520	.5880	.5140	.4880	.2180
.050				-.5170	-.5520	-.5820	-.6140
.081			-.2330				
.086		-.0700					
.094	-.2220						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2522

AMES 11-707 1A9 O2A + S3 + T9 UPPER WING

(RBM044)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT (9) = 0.010

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.190							
.177							
.229							
.246							
.250							
.362							
.400							
.402							
.497							
.550							
.565							
.630							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (4) = 1.247 ALPHAT (1) = -0.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050							
.081							
.086							
.094							
.150							
.177							
.229							
.246							
.250							
.362							
.400							
.472							
.497							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2523

AVES 11-707 1A9 ORA + S3 + T9 UPPER WING

(RBN044)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.247 ALPHAT (1) = -8.060

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.550							
.565			.0580	.0520	-.0080		
.600						-.1440	-.2050
.650							
.700	.1080			-.0360	-.0970		
.725						-.1460	-.2200
.750			-.0060				
.780			-.0160	-.0370	-.0950		
.775							
.808							
.834	.0360						
.850			.0000	-.0090	-.0780	-.0810	
.857							
.865	-.0590			.0100			-.0420
.900	.0220		.0350				
.905				.0690	.0390	.0270	
.950			.0800				
.953							
.965	.0540						

MACH (4) = 1.250 ALPHAT (2) = -5.960

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000							
.050	-.1680	-.2890	.0160	.4860	.4600	.4140	.4090
.081			.2130	.3220	.2990	.3170	.3130
.086		-.0510					
.094	-.0430			.0460	.0580	-.0150	.0170
.150			.1050				
.177							
.229	-.0430						
.246		-.0750					
.250				-.0370	-.0560	-.0410	-.1130
.362	-.0590						
.400				-.1790	-.1900		-.2230
.402			-.1360				
.497	-.0260						
.550			.0330	.0260	-.0400		
.565							-.3540
.600						-.1430	
.650							
.700	.0740						
.725			-.0410		-.1010		
.750						-.1500	-.1970
.760			-.0230				
.775				-.0500	-.0980		

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RSMU44)

AWES 11-707 1A9 02A + S3 + T9 UPPER WING

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.250 ALPHAT(2) = -5.960

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.808			-.0320				
.834	.0180						
.850				-.0190	-.0850	-.0800	
.857			-.0170				
.865	-.0740			-.0120			-.0080
.900	.0030		.0080	.0380	.0230	.0280	
.905							
.950			.0420				
.953							
.955	.0160						

MACH (4) = 1.247 ALPHAT(3) = -3.950

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.897
.000	-.1760	-.2060	.1360	.5480	.5190	.4890	.4770
.050				.2260	.2320	.2390	.2460
.081			.1870				
.086		-.0650					
.094	-.0540			-.0110	-.0210	-.0310	-.0370
.150			.0360				
.177							
.229	-.0740						
.246		-.0780		-.1110	-.1490	-.1480	-.1970
.250							
.362	-.0810			-.2330	-.2460		-.2350
.400							
.402			-.1890				
.497	-.0270			-.0290	-.3280		
.550							
.565			-.0150				-.4240
.600						-.3260	
.650					-.1130		
.700	.0310			-.0540			
.725						-.1710	-.4270
.750							
.760			-.0450	-.0690	-.1130		
.775			-.0560				
.808							
.834	-.0100			-.0400	-.0990	-.0900	
.850							
.857			-.0390				
.865	-.0790			-.0330			.0150
.950	-.0470		-.0230				
.955				.0070	.0030	.0310	
.950							
.953			.0110				

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

PAGE 2525

AVES 11-707 IA9 OBA + S3 + T9 UPPER WING

(RBMJ44)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.247 ALPHAT(3) = -3.960

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.965	-.0190						

MACH (4) = 1.248 ALPHAT(4) = -2.000

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1850	-.1590	.2180	.5970	.5560	.5540	.5250
.050				.1410	.1570	.1640	.1790
.081			.1440				
.085		-.0550					
.094	-.0890						
.150				-.0690	-.0810	-.1430	-.1500
.177			-.0200				
.229	-.0830						
.246		-.0910					
.250				-.1640	-.2060	-.2240	-.2830
.362	-.0950			-.2750	-.2830		-.3480
.400			-.2020				
.402							
.497	-.0470			-.1440	-.3950		
.550			-.0750				
.565							
.630							
.650							
.700	-.0130			-.0580	-.1380	-.4650	
.725							
.750							
.760			-.0550			-.2830	-.4570
.775			-.0730	-.0850	-.1290		
.818							
.834	-.0280						
.850			-.0490	-.0590	-.1040	-.1140	
.857							
.865	-.0970			-.0470			-.5970
.900	-.0590		-.0410				
.905							
.950				-.0100	.0010	.0260	
.953			-.0160				
.965	-.0450						

MACH (4) = 1.248 ALPHAT(5) = .020

Y/BW X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1940	-.1250	.3160	.6550	.5910	.6020	.5500
.050				.0310	.0640	.0870	.0930
.081			.0790				
.086		-.0530					
.094	-.1070						

DATE 21 SEP 71

CALCULATED PRESSURE DATA - IAGA

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(REV 0124)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.244 ALPHAT(5) = 2.070

Y/BX
X/CW

.550	.299	.354	.427	.534	.573	.780	.887
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							
.808							
.834							
.850							
.857							
.865							
.900							
.905							
.950							
.953							
.965							

MACH (4) = 1.248 ALPHAT(7) = 4.020

Y/BX
X/CW

.000	.299	.354	.427	.534	.573	.780	.887
.050							
.081							
.086							
.084							
.150							
.177							
.229							
.245							
.250							
.362							
.400							
.432							
.497							
.550							
.565							
.600							
.650							
.700							
.725							
.750							
.760							
.775							

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2925

AVES '1-707 1A9 Q2A + S3 + T9 UPPER WING

FEBRU 44

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.246 ALPHAT (7) = 4.020

Y/BW X/CW	.299	.364	.427	.534	.673	.755	.837
.808			-.1270				
.834	-.0850						
.850				-.1260	-.2020	-.4250	
.857			-.1030				
.865	-.1460						
.900	-.1160			-.1110			-.1520
.905			-.0920				
.950				-.0660	-.0520	-.1250	
.953			-.0730				
.965	-.1120						

MACH (4) = 1.246 ALPHAT (8) = 6.030

Y/BW X/CW	.299	.364	.427	.534	.673	.755	.837
.000	-.2850	-.2410	.2920	.6400	.5870	.5950	.4410
.050				-.3070	-.3130	-.3260	-.2750
.081			-.1650				
.085		-.1180					
.094	-.1630						
.151				-.3930	-.3920	-.4330	-.4500
.177			-.2920				
.225	-.1510						
.246		-.1820					
.250				-.4290	-.4960	-.5220	-.5540
.362	-.1600			-.4540	-.5680		-.5850
.400							
.432			-.3730				
.497	-.1320			-.4610	-.6050		
.550			-.3930				
.565						-.5760	-.5830
.600							
.650							
.700	-.2610						
.725				-.2110	-.2970		
.750							
.760			-.1520				
.775				-.1820	-.4460		
.808							
.834	-.0990						
.850				-.1630	-.3220	-.5160	
.857			-.1350				
.865	-.1730						
.900	-.1320			-.1490			-.1750
.905			-.1140				
.950				-.1020	-.0510	-.1120	
.953			-.0940				

DATE 2: SEP 73

TABULATED PRESSURE DATA - 1A9A

FILE 2529

AVES 11-707 1A9 02A + S3 + T9 UPPER WING

(PERCENT)

SECTION (1) UPPER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.246 ALPHAT(8) = 5.030

Y/BW	.299	.354	.427	.534	.673	.780	.687
X/CW	.963	-.1280					

MACH (4) = 1.246 ALPHAT(9) = 5.010

Y/BW	.299	.364	.427	.534	.673	.780	.687
X/CW							
.000	-.3180	-.3230	.2220	.0230	.5710	.5580	.3570
.050				-.4000	-.4010	-.4090	-.3910
.081			-.2700				
.086		-.1490					
.094	-.1760						
.150				-.4520	-.4750	-.5280	-.5420
.177			-.3580				
.229	-.1770						
.246		-.2170					
.250				-.5100	-.5570	-.5920	-.6150
.362	-.1680						
.400				-.4930	-.6260		-.5450
.402			-.4070				
.497	-.1480			-.4910	-.6690		
.550							
.565			-.4290				
.610							
.650						-.6570	-.770
.700	-.3380				-.6310		
.725				-.2940			
.750						-.6750	-.5820
.760			-.2110				
.775				-.2190	-.4990		
.808			-.1940				
.834	-.1040						
.850				-.1970	-.3940	-.5530	
.857			-.1570				
.865	-.1710						
.900	-.1390			-.1770			-.6120
.905			-.0270				
.950				-.1380	-.1310	-.4030	
.953			-.0930				
.965	-.1430						

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

REVISION 12 SEP 73

REFERENCE DATA

SREF = 2.4213 S.I.F.T. WARP = 28.5300 INCHES
 UREF = 31.3490 INCHES WARP = .0000 INCHES
 DREF = 35.8480 INCHES ZREF = .0000 INCHES
 SCALE = .0000 SCALE

SUPPLEMENTARY DATA

BETAT =
 RUOTER =
 RUOTLR =

SECTION / CURRENT VERTICAL

DEPENDENT VARIABLE CP

WACH 1 1 = .633 CURMAT(2) = -8.140
 Z/EV .158 .316 .469 .620 .840 .925
 X/CV .000 .4390 .4690 .4440 .3100 .3500
 .050 .0310 .2480 .3610 .3940 .3500
 .150 .0310 .0670 .1260 .1410 .1070
 .300 .0930 .1640 .2200 .1890 .1570
 .520 .3130 .3330 .3840 .3520 .3330
 .650 .4410 .4280 .5570 .4310 .4250
 .775 .2790 .2760 .2370 .1640 .1370
 .900 .0780 .1060 .0610 .0350 .0350

WACH 1 1 = .633 CURMAT(2) = -6.130
 Z/EV .158 .316 .469 .620 .840 .925
 X/CV .000 .4870 .4940 .4260 .3160 .3160
 .050 .0190 .2570 .3630 .3590 .3200
 .150 .0450 .0990 .1360 .1450 .1210
 .300 .1090 .1510 .1390 .1870 .1740
 .520 .3220 .3390 .3920 .3510 .3390
 .650 .4400 .4260 .5550 .4270 .4150
 .775 .2780 .2830 .2380 .1660 .1200
 .900 .0850 .1040 .0690 .0390 .0340

WACH 1 1 = .633 CURMAT(3) = -4.120
 Z/EV .158 .316 .469 .620 .840 .925
 X/CV .000 .4630 .4380 .3930 .4470 .4570
 .050 .0220 .2730 .3610 .3940 .3390
 .150 .0600 .0590 .1440 .1530 .1260
 .300 .1270 .1170 .2110 .1970 .1530
 .520 .3220 .3470 .3820 .3620 .3390
 .650 .4340 .5380 .5510 .4210 .4110
 .775 .2680 .2870 .2360 .1990 .1300
 .900 .0820 .1070 .0630 .0380 .0280

WACH 1 1 = .633 CURMAT(4) = -2.080
 Z/EV .158 .316 .469 .620 .840 .925
 X/CV .000 .4590 .4160 .3330 .4160 .4230
 .050 .0260 .2920 .3760 .3560 .3450
 .150 .0790 .1150 .1490 .1620 .1290
 .300 .1400 .1840 .2150 .1990 .1940
 .520 .3360 .3470 .3940 .3520 .3390
 .650 .4470 .5210 .5150 .4190 .3990
 .775 .2690 .2910 .2450 .1950 .1300
 .900 .0810 .1110 .0690 .0390 .0310

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBNW031)

AWES 11-707 1A9 02A + S3 + 19 LEFT VERTICAL

SECTION 1 LEFT VERTICAL
DEPENDENT VARIABLE CP

MACH (1) = .597	ALPHAT(5) = -.060	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.4400	.3920	.3280	.3840	.2090
		.050	-.0440	-.3000	-.3650	-.3500	-.1550
		.100	-.0950	-.1230	-.1580	-.1610	-.1340
		.150	-.1520	-.1810	-.2160	-.2020	-.1810
		.200	-.2160	-.2500	-.2770	-.2430	-.3260
		.250	-.2890	-.3230	-.3480	-.3010	-.3900
		.300	-.3680	-.4030	-.4280	-.3700	-.4550
		.350	-.4550	-.4900	-.5150	-.4570	-.5420
		.400	-.5420	-.5770	-.6020	-.5440	-.6290
		.450	-.6290	-.6640	-.6890	-.6310	-.7160
		.500	-.7160	-.7510	-.7760	-.7180	-.8030

MACH (1) = .597	ALPHAT(6) = 1.960	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.4260	.3720	.3040	.3610	.1810
		.050	-.0600	-.3010	-.3690	-.3530	-.1520
		.100	-.1000	-.1380	-.1630	-.1690	-.1370
		.150	-.1650	-.2040	-.2170	-.1990	-.1840
		.200	-.2310	-.2680	-.2750	-.2400	-.3200
		.250	-.2960	-.3330	-.3400	-.3050	-.3850
		.300	-.3610	-.4000	-.4070	-.3720	-.4520
		.350	-.4260	-.4650	-.4720	-.4370	-.5170
		.400	-.4910	-.5300	-.5370	-.5020	-.5820
		.450	-.5560	-.5950	-.6020	-.5670	-.6470
		.500	-.6210	-.6600	-.6670	-.6320	-.7120

MACH (1) = .597	ALPHAT(7) = 3.950	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3970	.3550	.2780	.3280	.1520
		.050	-.0760	-.2960	-.3580	-.3530	-.1540
		.100	-.1090	-.1330	-.1610	-.1600	-.1300
		.150	-.1530	-.2060	-.2140	-.1940	-.1820
		.200	-.2070	-.2600	-.2690	-.2330	-.3120
		.250	-.2610	-.3140	-.3100	-.2700	-.3610
		.300	-.3150	-.3680	-.3650	-.3250	-.4160
		.350	-.3690	-.4220	-.4190	-.3790	-.4700
		.400	-.4230	-.4760	-.4730	-.4330	-.5240
		.450	-.4770	-.5300	-.5270	-.4870	-.5780
		.500	-.5310	-.5840	-.5810	-.5410	-.6310

MACH (1) = .600	ALPHAT(8) = 5.900	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3540	.3400	.2550	.3000	.1220
		.050	-.0500	-.2690	-.3510	-.3310	-.1680
		.100	-.1270	-.1390	-.1650	-.1690	-.1330
		.150	-.1850	-.2070	-.2240	-.1990	-.1770
		.200	-.2430	-.2650	-.2820	-.2570	-.3040
		.250	-.3010	-.3230	-.3400	-.3150	-.3540
		.300	-.3590	-.3810	-.3980	-.3730	-.4130
		.350	-.4170	-.4390	-.4560	-.4310	-.4710
		.400	-.4750	-.4970	-.5140	-.4890	-.5290
		.450	-.5330	-.5550	-.5720	-.5470	-.5870
		.500	-.5910	-.6130	-.6300	-.6050	-.6450

MACH (1) = .596	ALPHAT(9) = 7.350	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3300	.3240	.2300	.2770	.1010
		.050	-.0600	-.2600	-.3400	-.3200	-.1600
		.100	-.1200	-.1400	-.1600	-.1600	-.1300
		.150	-.1800	-.2000	-.2200	-.1900	-.1700
		.200	-.2400	-.2600	-.2800	-.2500	-.3000
		.250	-.3000	-.3200	-.3400	-.3100	-.3500
		.300	-.3600	-.3800	-.4000	-.3700	-.4100
		.350	-.4200	-.4400	-.4600	-.4300	-.4700
		.400	-.4800	-.5000	-.5200	-.4900	-.5300
		.450	-.5400	-.5600	-.5800	-.5500	-.5900
		.500	-.6000	-.6200	-.6400	-.6100	-.6500

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNV01)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(9) = 7.950

Z/BV X/CV	.158	.316	.600	.840	.925
.520	-.3520	-.3540	-.3670	-.3190	-.2960
.650	-.4400	-.5220	-.5170	-.3680	-.3420
.775	-.2790	-.3020	-.2290	-.1680	-.1120
.900		-.1080	-.1180	-.0640	-.0220

MACH (2) = .905 ALPHAT(1) = -8.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5020	.4860	.4640	.5110	.3070
.090	-.0340	-.2940	-.4100	-.4080	-.2550
.150	-.0490	-.0670	-.0960	-.1740	-.1290
.300	-.1140	-.1250	-.1590	-.1570	-.1950
.520	-.2320	-.2640	-.2940	-.2590	-.3040
.650	-.5660	-.9390	-1.1390	-.9120	-.6780
.775	-.2870	-.4530	-.1170	-.4460	-.3140
.900		-.1340	-.3160	-.3410	-.2180

MACH (2) = .899 ALPHAT(2) = -5.960

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4910	.4360	.4270	.4740	.2640
.050	-.0390	-.3170	-.4060	-.4030	-.2570
.150	-.0770	-.0890	-.1110	-.1860	-.1430
.300	-.1280	-.1440	-.1660	-.1620	-.2120
.520	-.2410	-.2730	-.2920	-.2690	-.3160
.650	-.5370	-.8830	-1.1340	-.7250	-.6240
.775	-.2730	-.4430	-.5070	-.4200	-.2860
.900		-.1300	-.2640	-.3130	-.1840

MACH (2) = .898 ALPHAT(3) = -4.000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4500	.3930	.3910	.4400	.2270
.050	-.0650	-.3350	-.4070	-.4180	-.2700
.150	-.1160	-.1090	-.1210	-.1980	-.1560
.300	-.1570	-.1580	-.1720	-.1750	-.2270
.520	-.2530	-.2750	-.3050	-.2870	-.3310
.650	-.5120	-.8020	-1.1390	-.6860	-.6010
.775	-.2740	-.4310	-.4940	-.4070	-.2820
.900		-.1310	-.2380	-.3000	-.1780

MACH (2) = .902 ALPHAT(4) = -1.980

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4030	.3310	.3150	.4020	.1820
.050	-.0950	-.3510	-.4110	-.4040	-.2720
.150	-.1510	-.1330	-.1350	-.2090	-.1680
.300	-.1930	-.1700	-.1820	-.1900	-.2330
.520	-.2690	-.2810	-.3180	-.2960	-.3420

DATE 2: SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2533

SECTION: 3) LEFT VERTICAL

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(REMARKS)

MACH (2) = .902 ALPHAT(4) = -1.990

DEPENDENT VARIABLE CP

Z/BV X/CV	.158	.316	.600	.840	.925
.650	-.5030	-.7840	-1.1560	-.6120	-.5860
.775	-.2810	-.4380	-.4840	-.3960	-.2800
.900		-.1310	-.2240	-.2990	-.1780

MACH (2) = .902 ALPHAT(5) = .030

Z/BV X/CV	.158	.316	.600	.840	.925
.070	.3560	.3220	.3210	.3770	.1510
.090	-.1210	-.4040	-.3950	-.4060	-.3030
.150	-.1850	-.1410	-.1370	-.2190	-.1790
.300	-.2090	-.1740	-.1890	-.2040	-.2510
.520	-.2690	-.2890	-.3270	-.3180	-.3540
.650	-.4860	-.7830	-1.1570	-.5290	-.4470
.775	-.2840	-.4350	-.4690	-.3750	-.2720
.900		-.1390	-.1840	-.2990	-.1580

MACH (2) = .902 ALPHAT(6) = 2.100

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3280	.2990	.2790	.3370	.1130
.050	-.1500	-.4050	-.3850	-.4030	-.3180
.150	-.2090	-.1480	-.1450	-.2250	-.1930
.300	-.2170	-.1790	-.1940	-.2150	-.2670
.520	-.2590	-.2930	-.3420	-.3360	-.3720
.650	-.4870	-.7790	-1.1580	-.5080	-.3870
.775	-.2850	-.4420	-.4500	-.3750	-.2630
.900		-.1440	-.1820	-.2950	-.1590

MACH (2) = .899 ALPHAT(7) = 4.030

Z/BV X/CV	.158	.316	.600	.840	.925
.020	.3040	.3040	.2410	.3700	.0720
.050	-.1540	-.3290	-.3530	-.3610	-.3150
.150	-.1970	-.1420	-.1470	-.2300	-.2040
.300	-.1900	-.1820	-.1910	-.2260	-.2800
.520	-.2650	-.2940	-.3320	-.3510	-.3810
.650	-.4850	-.7390	-1.1590	-.4780	-.3430
.775	-.2860	-.4390	-.4190	-.3440	-.2360
.900		-.1400	-.1560	-.2520	-.1270

MACH (2) = .901 ALPHAT(8) = 6.000

Z/BV X/CV	.158	.316	.600	.840	.925
.070	.2930	.3100	.1960	.2620	.0370
.090	-.1680	-.2880	-.3380	-.3770	-.3330
.150	-.1810	-.1420	-.1560	-.2360	-.2160
.300	-.1920	-.1920	-.2010	-.2350	-.2860
.520	-.2740	-.3010	-.3590	-.3650	-.3850
.650	-.4950	-.7530	-1.1510	-.4610	-.3220

DATE 21 SEP 78

TABULATED PRESSURE DATA - 1A9A

(RBNWD1)

AXES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (2) = .901 ALPHAT(8) = 6.000

Z/BV X/CV	.158	.316	.600	.840	.925
.775	-.2870	-.4440	-.4290	-.3270	-.2290
.900	-.1380	-.1690	-.2520	-.1330	-.1330

MACH (2) = .902 ALPHAT(9) = 8.000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2390	.2440	.2160	.2350	.0030
.050	-.1760	-.2640	-.3540	-.3790	-.3290
.100	-.1940	-.1570	-.1750	-.2460	-.2230
.150	-.2030	-.2070	-.2200	-.2410	-.2880
.200	-.2890	-.3110	-.3670	-.3570	-.3840
.250	-.5000	-.6890	-1.1550	-.4610	-.3230
.300	-.650	-.4340	-.4100	-.3170	-.2060
.350	-.775	-.2960	-.4340	-.3170	-.2060
.400	-.900	-.1410	-.1390	-.2260	-.1900

MACH (2) = .901 ALPHAT(10) = 10.000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2470	.2070	.1870	.2130	-.0240
.050	-.2160	-.3230	-.3530	-.3780	-.3510
.100	-.2550	-.1930	-.1830	-.2510	-.2330
.150	-.2630	-.2230	-.2340	-.2570	-.3040
.200	-.3100	-.3250	-.3780	-.3820	-.3890
.250	-.5250	-.7320	-1.1540	-.4540	-.3180
.300	-.775	-.4420	-.4390	-.3280	-.2140
.350	-.900	-.1490	-.1660	-.2470	-.1110

MACH (3) = 1.104 ALPHAT(1) = -0.010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7010	.6020	.5450	.6140	.4300
.050	.1000	-.1140	-.2130	-.2150	-.1820
.100	.1480	.0610	.0570	.0310	.0480
.150	.0400	.0050	.0090	.0410	.0020
.200	-.0410	-.0790	-.0310	-.0120	-.0400
.250	-.5250	-.6550	-.6860	-.6580	-.6310
.300	-.775	-.4840	-.6160	-.6700	-.6810
.350	-.900	-.0840	-.6480	-.6580	-.6090

MACH (3) = 1.103 ALPHAT(2) = -5.990

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6880	.5640	.4970	.5720	.3860
.050	.1090	-.1360	-.2400	-.2390	-.1870
.100	.1220	.0340	.0300	-.0010	.0170
.150	.0100	-.0270	-.0190	.0160	-.0280
.200	-.0680	-.1030	-.0600	-.0380	-.0650
.250	-.5480	-.6610	-.6980	-.6750	-.5650
.300	-.775	-.3710	-.4920	-.6230	-.6940

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 13-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBWV01)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.101 ALPHAT(2) = -5.990

Z/BV	.158	.316	.600	.840	.925
X/CV	.900	-.0820	-.6620	-.6700	-.6300

MACH (3) = 1.101 ALPHAT(3) = -3.990

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6750	.3260	.4470	.5210
	.050	.1200	-.1650	-.2580	-.2680
	.150	.0920	.0030	.0040	-.0290
	.300	-.0140	-.0590	-.0470	-.0120
	.520	-.0990	-.1270	-.0850	-.0660
	.650	-.5730	-.6660	-.7040	-.6760
	.775	-.3710	-.4980	-.6330	-.6870
	.900	-.0840	-.6750	-.6760	-.6460

MACH (3) = 1.102 ALPHAT(4) = -2.000

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6450	.4970	.3950	.4720
	.050	.1190	-.1900	-.1820	-.2870
	.150	.0690	-.0220	-.0530	-.0390
	.300	-.0440	-.0940	-.0760	-.0350
	.520	-.1320	-.1540	-.1120	-.0910
	.650	-.5980	-.6850	-.7190	-.6850
	.775	-.3780	-.5150	-.6440	-.6970
	.900	-.0910	-.6860	-.6850	-.6650

MACH (3) = 1.102 ALPHAT(5) = 0.000

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6020	.4760	.3440	.4200
	.050	.0940	-.2140	-.3040	-.3120
	.150	.0390	-.0450	-.0580	-.0810
	.300	-.0680	-.1220	-.1060	-.0620
	.520	-.1540	-.1790	-.1390	-.1150
	.650	-.6090	-.6940	-.7300	-.6960
	.775	-.3750	-.5290	-.6530	-.7060
	.900	-.0930	-.6980	-.6960	-.6770

MACH (3) = 1.101 ALPHAT(6) = 2.000

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.5500	.4470	.2910	.3690
	.050	.0860	-.2410	-.3080	-.3240
	.150	.0120	-.0700	-.0840	-.1090
	.300	-.0910	-.1480	-.1310	-.0900
	.520	-.1790	-.1970	-.1600	-.1420
	.650	-.6920	-.7070	-.7360	-.7030
	.775	-.3750	-.5400	-.6590	-.7130
	.900	-.0960	-.7000	-.7020	-.6940

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL (RBNV01)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(7) = 4.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5060	.4100	.2330	.3250	.1390
.050	.0730	-.2860	-.3030	-.3090	-.3070
.100	-.0140	-.1100	-.1110	-.1230	-.1160
.150	-.1370	-.1980	-.1420	-.1060	-.1560
.200	-.2060	-.2350	-.1720	-.1650	-.1760
.250	-.2690	-.2190	-.1730	-.1710	-.1720
.300	-.3760	-.5550	-.6630	-.7160	-.7350
.350		-.1090	-.7000	-.7060	-.7130

MACH (3) = 1.105 ALPHAT(8) = 5.980

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4830	.4000	.1930	.2680	.0840
.050	.0410	-.2830	-.3340	-.3400	-.3360
.100	-.0410	-.1220	-.1350	-.1510	-.1420
.150	-.1540	-.1980	-.1750	-.1360	-.1850
.200	-.2030	-.2290	-.2040	-.1990	-.2040
.250	-.2080	-.2240	-.2100	-.2260	-.2430
.300	-.3360	-.5720	-.6800	-.7270	-.7520
.350		-.0920	-.6930	-.7180	-.7360

MACH (3) = 1.102 ALPHAT(9) = 7.980

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4760	.3680	.1590	.2140	.0350
.050	.0160	-.2880	-.3690	-.3540	-.3570
.100	-.0510	-.1470	-.1600	-.1740	-.1720
.150	-.1650	-.2280	-.2040	-.1570	-.2070
.200	-.2250	-.2550	-.2220	-.2240	-.2260
.250	-.2350	-.2380	-.2610	-.2310	-.2560
.300	-.4080	-.6130	-.6870	-.7310	-.7600
.350		-.0880	-.6400	-.7110	-.7120

MACH (3) = 1.102 ALPHAT(10) = 9.990

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4710	.3380	.1240	.1540	-.0060
.050	-.0130	-.3030	-.3030	-.3610	-.3650
.100	-.0720	-.1640	-.1780	-.2040	-.1500
.150	-.1870	-.2460	-.2310	-.1640	-.1190
.200	-.2420	-.2680	-.2210	-.1730	-.2170
.250	-.2790	-.2290	-.2260	-.2130	-.2540
.300	-.4100	-.5360	-.6210	-.6890	-.7390
.350		-.0900	-.6620	-.6780	-.7150

MACH (4) = 1.250 ALPHAT(1) = -8.000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7800	.6720	.5760	.6460	.4790
.050	.1440	-.0110	-.1180	-.1180	-.1120
.100	.2250	.1490	.1270	.1080	.1190
.150	.1190	.0700	.0820	.1040	.0850

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBNWD1)

AWES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.250 ALPHAT(1) = -8.000 Z/BV .158 .316 .600 .840 .925
X/CV.520 .0350 .0010 .0330 .0790 .0790
.650 -.3800 -.4750 -.4940 -.4610 -.4510
.775 -.3330 -.4610 -.4550 -.4720 -.4820
.900 -.0240 -.4700 -.4680 -.4440

MACH (4) = 1.252 ALPHAT(2) = -5.980

Z/BV .158 .316 .600 .840 .925
X/CV.000 .7700 .6410 .5300 .6010 .4320
.050 .1520 -.0340 -.1240 -.1290 -.1220
.150 .2070 .1300 .1100 .0850 .0940
.300 .1010 .0550 .0580 .0860 .0430
.520 .0140 -.0190 .0170 .0520 .0550
.650 -.3950 -.4830 -.5010 -.4700 -.4630
.775 -.3270 -.4640 -.4600 -.4900 -.4910
.900 -.0210 -.4800 -.4750 -.4590

MACH (4) = 1.248 ALPHAT(3) = -4.030

Z/BV .158 .316 .600 .840 .925
X/CV.000 .7440 .6070 .4870 .5520 .3800
.050 .1650 -.0550 -.1360 -.1390 -.1370
.150 .1770 .1030 .0820 .0630 .0700
.300 .0780 .0270 .0330 .0630 .0190
.520 -.0120 -.0450 -.0370 .0270 .0110
.650 -.4240 -.4950 -.5150 -.4810 -.4830
.775 -.3260 -.4850 -.4690 -.4900 -.5020
.900 -.0220 -.4900 -.4850 -.4760

MACH (4) = 1.250 ALPHAT(4) = -1.980

Z/BV .158 .316 .600 .840 .925
X/CV.000 .6940 .5820 .4430 .5000 .3260
.050 .1620 -.0870 -.1600 -.1480 -.1500
.150 .1530 .0690 .0520 .0390 .0490
.300 .0520 .0030 .0100 .0360 .0040
.520 -.0420 -.0670 -.0270 .0260 .0090
.650 -.4480 -.5590 -.5220 -.4890 -.4920
.775 -.3360 -.5000 -.4740 -.4970 -.5090
.900 -.0320 -.4920 -.4920 -.4910

MACH (4) = 1.249 ALPHAT(5) = .040

Z/BV .158 .316 .600 .840 .925
X/CV.000 .6300 .5520 .3930 .4490 .2770
.050 .1400 -.1120 -.1790 -.1640 -.1630
.150 .1300 .0470 .0290 .0190 .0260
.300 .0320 -.0250 -.0160 .0190 -.0290
.520 -.0630 -.0880 -.0520 -.0180 -.0130

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBMV01)

ANES 11-707 1A9 C2A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

MACH (4) = 1.249 ALPHAT(5) = .040

DEPENDENT VARIABLE CP		Z/BV	.158	.316	.670	.840	.925
X/CV							
.650	-.4540	-.5190	-.5230	-.4990	-.5050		
.775	-.3370	-.5030	-.4840	-.5000	-.5210		
.900		-.0310	-.5040	-.5000	-.4970		

MACH (4) = 1.247 ALPHAT(6) = 2.030

DEPENDENT VARIABLE CP		Z/BV	.158	.316	.670	.840	.925
X/CV							
.000	.5890	.5200	.3440	.4020	.2330		
.050	.1100	-.1280	-.1970	-.1820	-.1780		
.150	.0980	.0170	.0210	-.0230	-.0310		
.300	-.0010	-.0580	-.0450	-.0220	-.0370		
.520	-.0860	-.1110	-.0770	-.0480	-.0380		
.650	-.4960	-.5310	-.5400	-.5060	-.5030		
.775	-.3420	-.5220	-.4940	-.5030	-.5180		
.900		-.0360	-.5070	-.5010	-.5050		

MACH (4) = 1.248 ALPHAT(7) = 4.040

DEPENDENT VARIABLE CP		Z/BV	.158	.316	.670	.840	.925
X/CV							
.000	.5280	.4870	.2910	.3550	.1890		
.050	.0910	-.1540	-.2230	-.2080	-.2000		
.150	.0710	-.0150	-.0240	-.0270	-.0310		
.300	-.0330	-.0840	-.0720	-.0340	-.0610		
.520	-.1100	-.1370	-.1000	-.0720	-.0490		
.650	-.5150	-.5420	-.5530	-.5080	-.5150		
.775	-.3490	-.5350	-.5070	-.5110	-.5290		
.900		-.0430	-.5230	-.5100	-.5220		

MACH (4) = 1.247 ALPHAT(8) = 6.010

DEPENDENT VARIABLE CP		Z/BV	.158	.316	.670	.840	.925
X/CV							
.000	.5100	.4530	.2550	.3180	.1560		
.050	.0820	-.1560	-.2230	-.2190	-.1970		
.150	.0580	-.0320	-.0420	-.0480	-.0300		
.300	-.0460	-.1040	-.0940	-.0500	-.0730		
.520	-.1110	-.1430	-.1140	-.0660	-.0540		
.650	-.5350	-.5380	-.5530	-.5160	-.5250		
.775	-.3540	-.5290	-.5120	-.5120	-.5380		
.900		-.0370	-.5270	-.5120	-.5350		

MACH (4) = 1.247 ALPHAT(9) = 8.010

DEPENDENT VARIABLE CP		Z/BV	.158	.316	.670	.840	.925
X/CV							
.000	.5300	.4290	.2230	.2780	.1540		
.050	.0920	-.1780	-.2420	-.2310	-.2030		
.150	.0360	-.0520	-.0630	-.0480	-.0510		
.300	-.0620	-.1260	-.1150	-.0510	-.0930		
.520	-.1290	-.1580	-.1290	-.0750	-.0760		
.650	-.5520	-.5460	-.5570	-.5250	-.5400		

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMOVED)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL		DEPENDENT VARIABLE CP	
MACH (4) = 1.247	ALPHAT(9) = 0.010	Z/8V	.158 .316 .600 .840 .925
		X/CV	
		.775	-.5420 -.5170 -.5200 -.5330 -.5330
		.900	-.0480 -.5300 -.5210 -.5550
MACH (4) = 1.246	ALPHAT(10) = 9.960	Z/8V	.158 .316 .600 .840 .925
		X/CV	
		.000	.5400 .4060 .1920 .2510 .1170
		.050	-.0090 -.1990 -.2550 -.2170 -.2080
		.150	.0170 -.0690 -.0800 -.0610 -.0760
		.300	-.0870 -.1450 -.1320 -.0710 -.1140
		.520	-.1480 -.1790 -.1440 -.0950 -.1020
		.650	-.5600 -.5480 -.5620 -.5330 -.5560
		.775	-.5470 -.5180 -.5330 -.5620
		.900	-.0510 -.5310 -.5330 -.5650

AWES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNV02) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

BETAT = .000 ORBINC = .500
 RUDDER = .000 ELEVAT = .000
 RUDDLR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .598 ALPHAT (1) = -8.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5030	.5020	.4560	.5230	.3620
.050	-.0190	-.2360	-.3680	-.3570	-.1000
.100	-.0270	-.0820	-.1350	-.1810	-.1080
.150	-.0950	-.1700	-.1980	-.1570	-.1650
.200	-.3070	-.3400	-.3930	-.3330	-.3380
.250	-.4460	-.5390	-.5960	-.4250	-.4310
.300	-.2650	-.2850	-.2300	-.1900	-.1410
.350	-.0940	-.1010	-.1010	-.0590	-.0420

MACH (2) = .598 ALPHAT (2) = -6.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4850	.4800	.4260	.4930	.3270
.050	-.0190	-.2470	-.3720	-.3650	-.1140
.100	-.0430	-.0910	-.1420	-.1810	-.1100
.150	-.1090	-.1810	-.2030	-.1650	-.1710
.200	-.3130	-.3440	-.3850	-.3520	-.3370
.250	-.4480	-.5380	-.5880	-.4210	-.4210
.300	-.2670	-.2850	-.2260	-.1930	-.1390
.350	-.1040	-.1050	-.1050	-.0600	-.0420

MACH (3) = .598 ALPHAT (3) = -3.990

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4650	.4530	.3940	.4600	.2850
.050	-.0310	-.2750	-.3750	-.3690	-.1300
.100	-.0620	-.1130	-.1580	-.1920	-.1240
.150	-.1280	-.1960	-.2090	-.1690	-.1750
.200	-.3280	-.3490	-.3890	-.3570	-.3420
.250	-.4510	-.5310	-.5830	-.4270	-.4240
.300	-.2630	-.2950	-.2270	-.1880	-.1360
.350	-.1110	-.1170	-.1170	-.0620	-.0420

MACH (4) = .598 ALPHAT (4) = -1.910

Z/BV X/CV	.158	.316	.600	.840	
.000	.4510	.4310	.3680	.4300	.2540
.050	-.0300	-.2890	-.3720	-.3560	-.1390
.100	-.0740	-.1110	-.1620	-.1900	-.1290
.150	-.1390	-.1980	-.2100	-.1710	-.1780
.200	-.3200	-.3500	-.3850	-.3470	-.3330
.250	-.4400	-.5340	-.5750	-.4110	-.4120
.300	-.2600	-.2890	-.2210	-.1710	-.1200
.350	-.1050	-.1050	-.1050	-.0580	-.0420

DATE 23 SEP 73

TABULATED PRESSURE DATA - IAGA

(REMARKS)

AMES 11-707 IAG O2A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE QP

MACH (1) = .597 ALPHAT(9) = 8.000

Z/BV X/CV	.158	.316	.630	.840	.925
.500	-.3390	-.3570	-.3720	-.3310	-.3080
.600	-.4430	-.5290	-.5390	-.3650	-.3510
.775	-.2660	-.3160	-.2190	-.1640	-.1190
.900		-.1190	-.1180	-.0640	-.0260

MACH (2) = .903 ALPHAT(1) = -8.000

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5140	.5180	.4840	.5340	.3310
.050	-.0210	-.2810	-.3950	-.4060	-.2350
.150	-.0230	-.0540	-.0950	-.2010	-.1240
.300	-.0790	-.1130	-.1530	-.1240	-.1530
.500	-.2700	-.2580	-.2850	-.2530	-.2920
.600	-.5660	-.9630	-1.1710	-1.0380	-.7890
.775	-.2680	-.4620	-.5680	-.5160	-.3280
.900		-.1330	-.3240	-.3780	-.2340

MACH (2) = .901 ALPHAT(2) = -6.000

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5060	.4740	.4480	.4960	.2910
.050	-.0260	-.3040	-.3990	-.4020	-.2450
.150	-.0550	-.0720	-.1120	-.2100	-.1370
.300	-.1090	-.1340	-.1570	-.1290	-.1710
.500	-.2070	-.2670	-.2950	-.2620	-.3770
.600	-.5420	-.8960	-1.1780	-.9050	-.6870
.775	-.2640	-.4520	-.5250	-.4620	-.3020
.900		-.1340	-.2940	-.3250	-.2050

MACH (2) = .900 ALPHAT(3) = -4.000

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.4860	.4230	.4110	.4640	.2530
.050	-.0580	-.3280	-.3950	-.4020	-.2260
.150	-.0950	-.0930	-.1290	-.2240	-.1550
.300	-.1340	-.1460	-.1700	-.1390	-.1860
.500	-.2270	-.2720	-.3060	-.2820	-.3150
.600	-.5220	-.8290	-1.1790	-.8010	-.6590
.775	-.2740	-.4450	-.5080	-.4350	-.3030
.900		-.1340	-.2550	-.3050	-.1980

MACH (2) = .896 ALPHAT(4) = -1.990

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.4600	.3710	.3780	.4290	.2110
.050	-.0740	-.3460	-.3840	-.3970	-.2560
.150	-.1130	-.1120	-.1330	-.2330	-.1640
.300	-.1460	-.1610	-.1770	-.1480	-.1950
.500	-.2390	-.2830	-.3160	-.2950	-.3210

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2543

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(2004622)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .896 ALPHAT(4) = -1.990

Z/BV	.158	.316	.600	.840	.925
X/CV					
.650	-.4980	-.7890	-1.1760	-.7240	-.6070
.775	-.2710	-.4390	-.6850	-.4290	-.2890
.900		-.1350	-.2110	-.3070	-.1830

MACH (2) = .899 ALPHAT(5) = .010

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3870	.3360	.3370	.3920	.1710
.050	-.1010	-.3550	-.3850	-.4060	-.2790
.150	-.1640	-.1320	-.1370	-.2490	-.1790
.300	-.1790	-.1710	-.1900	-.1710	-.2120
.520	-.2460	-.2850	-.3290	-.3170	-.3430
.650	-.4900	-.8050	-1.1910	-.6080	-.5220
.775	-.2700	-.4470	-.4770	-.4110	-.2830
.900		-.1370	-.2030	-.3570	-.1760

MACH (2) = .898 ALPHAT(6) = 2.040

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3450	.3250	.3050	.3660	.1330
.050	-.1260	-.3910	-.3740	-.3920	-.2930
.150	-.1820	-.1410	-.1450	-.2490	-.1970
.300	-.1950	-.1740	-.1960	-.1720	-.2240
.520	-.2520	-.2910	-.3430	-.3300	-.3470
.650	-.4830	-.7610	-1.1860	-.5420	-.4530
.775	-.2750	-.4420	-.4570	-.3790	-.2870
.900		-.1410	-.1730	-.2890	-.1650

MACH (2) = .903 ALPHAT(7) = 4.040

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3170	.3190	.2720	.3330	.1020
.050	-.1500	-.3480	-.3610	-.3820	-.3580
.150	-.1920	-.1360	-.1450	-.2540	-.1970
.300	-.1880	-.1760	-.2000	-.1810	-.2290
.520	-.2470	-.2900	-.3540	-.3410	-.3540
.650	-.4760	-.7420	-1.1870	-.4990	-.3780
.775	-.2730	-.4350	-.4350	-.3590	-.2740
.900		-.1330	-.1500	-.2740	-.1620

MACH (2) = .897 ALPHAT(8) = 6.030

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3120	.3190	.2250	.2880	.1570
.050	-.1600	-.3150	-.3340	-.3610	-.3160
.150	-.1890	-.1360	-.1590	-.2610	-.2120
.300	-.1830	-.1790	-.1980	-.2010	-.2320
.520	-.2490	-.2970	-.3570	-.3520	-.3870
.650	-.4870	-.7450	-1.1850	-.4770	-.3400

APES 11-797 IAS 02A + S3 + T9 LEFT VERTICAL

GEBW021

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .897 ALPHAT(8) = 6.030

Z/BV	.158	.316	.600	.840	.925
X/CV	.775	-.2680	-.4430	-.4290	-.3420
	.900		-.1430	-.1610	-.2650
					-.1310

MACH (2) = .900 ALPHAT(9) = 6.000

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2880	.3140	.1650	.2400
	.050	-.1640	-.2940	-.3230	-.3620
	.150	-.1870	-.1510	-.1640	-.2740
	.300	-.1990	-.1930	-.2100	-.2220
	.520	-.2680	-.3030	-.3620	-.3930
	.650	-.5080	-.7430	-1.1860	-.4680
	.775	-.2840	-.4430	-.4380	-.3280
	.900		-.1480	-.1780	-.2460
					-.1220

MACH (3) = 1.102 ALPHAT(1) = -8.050

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.7040	.6300	.5780	.6350
	.050	.1150	-.1040	-.2080	-.1830
	.150	.1660	.0850	.0880	.0200
	.300	.0610	.0340	.0280	.0550
	.520	-.0010	-.0620	-.0290	-.0010
	.650	-.4990	-.6360	-.7170	-.6380
	.775	-.3780	-.4630	-.5940	-.6740
	.900		-.0330	-.6420	-.6570
					-.6010

MACH (3) = 1.103 ALPHAT(2) = -6.010

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6960	.5920	.5230	.5970
	.050	.1110	-.1230	-.2250	-.2280
	.150	.1380	.0520	.0630	.0550
	.300	.0340	-.0030	-.0020	.0360
	.520	-.0310	-.1850	-.0460	-.0260
	.650	-.5260	-.6510	-.7220	-.6460
	.775	-.3720	-.4710	-.5970	-.6800
	.900		-.0970	-.6470	-.6640
					-.6190

MACH (3) = 1.102 ALPHAT(3) = -4.000

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6890	.5570	.4730	.5490
	.050	.1210	-.1480	-.2450	-.2320
	.150	.1110	.0280	.0470	.0430
	.300	.0090	-.0330	-.0280	.0140
	.520	-.0610	-.1070	-.0650	-.0420
	.650	-.5490	-.6820	-.7350	-.6340
	.775	-.3770	-.4690	-.6070	-.6880
					-.6930

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBM002)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (3) = 1.102 ALPHAT(3) = -4.000
Z/BV .158 .316 .600 .840 .925
X/CV .900 -.0940 -.6520 -.6750 -.6390

MACH (3) = 1.102 ALPHAT(4) = -1.990
Z/BV .158 .316 .600 .840 .925
X/CV .000 .6610 .5180 .4230 .5030 .3130
.050 .1220 -.1730 -.2610 -.2610 -.2040
.150 .0810 -.0030 .0260 .0380 .0200
.300 .0210 -.0730 -.0520 .0070 -.0340
.520 -.0920 -.1370 -.0910 -.0790 -.0800
.650 -.5730 -.6760 -.7390 .6620 .6350
.775 -.3760 .4970 .6160 .6960 .7070
.900 .0960 .6620 .6810 .6570

MACH (3) = 1.102 ALPHAT(5) = -.030
Z/BV .158 .316 .600 .840 .925
X/CV .000 .6230 .4950 .3660 .4520 .2610
.050 .1110 .2000 .2870 .2910 .2430
.150 .0520 .0340 .0020 .0680 .0460
.300 .0480 .1050 .0840 .0270 .0610
.520 .1250 .1660 .1180 .0990 .0940
.650 .5950 .6900 .7530 .6680 .6970
.775 .3790 .5230 .6260 .7020 .7130
.900 .1030 .6660 .6850 .6690

MACH (3) = 1.102 ALPHAT(6) = 1.980
Z/BV .158 .316 .600 .840 .925
X/CV .000 .5750 .4710 .3190 .4000 .2150
.050 .0880 .2300 .2970 .3030 .2710
.150 .0300 .0570 .0260 .0950 .0670
.300 .0700 .1280 .1090 .0590 .0860
.520 .1480 .1850 .1440 .1250 .1160
.650 .6220 .7010 .7590 .6800 .7100
.775 .3790 .5240 .6350 .7110 .7230
.900 .1040 .6730 .6940 .6880

MACH (3) = 1.102 ALPHAT(7) = 3.980
Z/BV .158 .316 .600 .840 .925
X/CV .000 .5400 .4390 .2780 .3480 .1600
.050 .0770 .2490 .3170 .3260 .3030
.150 .0040 .0790 .0530 .1220 .1030
.300 .1030 .1510 .1380 .0890 .1160
.520 .1670 .2040 .2690 .1560 .1460
.650 .6750 .7130 .7660 .6910 .7230
.775 .3830 .5490 .6420 .7210 .7350
.900 .1060 .6840 .7050 .7070

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBMV02)

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.152 ALPHAT(8) = 5.970

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5040	.4280	.2280	.3000	.1140
.050	.0590	-.2820	-.3270	-.3430	-.3270
.150	-.0230	-.1070	-.0800	-.1370	-.1270
.300	-.1240	-.1790	-.1620	-.1090	-.1450
.520	-.1810	-.2270	-.1930	-.1840	-.1700
.650	-.6890	-.7260	-.7710	-.7020	-.7370
.775	-.3840	-.5700	-.6540	-.7310	-.7480
.900		-.1090	-.6830	-.7110	-.7250

MACH (3) = 1.151 ALPHAT(9) = 7.940

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4890	.3990	.1890	.2490	.0630
.050	.0420	-.2900	-.3460	-.3440	-.3380
.150	-.0360	-.1300	-.0930	-.1570	-.1540
.300	-.1420	-.2020	-.1850	-.1320	-.1680
.520	-.1880	-.2420	-.2110	-.2090	-.1950
.650	-.7180	-.7310	-.7790	-.7130	-.7500
.775	-.3930	-.5980	-.6670	-.7380	-.7580
.900		-.1040	-.6840	-.7160	-.7420

MACH (4) = 1.249 ALPHAT(1) = -8.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7930	.6930	.6000	.6760	.5080
.050	.1690	.0640	-.0910	-.1120	-.1020
.150	.2450	.1690	.1480	.1370	.1330
.300	.1490	.1020	.0990	.1390	.1300
.520	.0540	.0210	.0460	.0930	.0980
.650	-.3500	-.4610	-.5080	-.4510	-.4430
.775	-.3260	-.4340	-.4610	-.4570	-.4780
.900		-.0310	-.4750	-.4680	-.4350

MACH (4) = 1.248 ALPHAT(2) = -6.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7800	.6860	.5610	.6330	.4630
.050	.1580	-.0120	-.1150	-.1270	-.1180
.150	.2170	.1470	.1230	.1150	.1020
.300	.1260	.0750	.0710	.1130	.1040
.520	.0270	-.0040	.0210	.0650	.0740
.650	-.3720	-.4760	-.5180	-.4590	-.4590
.775	-.3340	-.4460	-.4710	-.5030	-.4760
.900		-.0310	-.4860	-.4760	-.4420

MACH (4) = 1.249 ALPHAT(3) = -3.980

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7640	.6290	.5130	.5830	.4130
.050	.1670	-.0420	-.1230	-.1160	-.1260
.150	.2020	.1260	.1050	.0940	.0790
.300	.1080	.0330	.0440	.0940	.0770

DATE 21 SEP 73 TANSULATED PRESSURE DATA - 1A9A

(REMARKS)

AVES 11-757 1A9 024 + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL		DEPENDENT VARIABLE CP	
MACH (4) = 1.249	ALPHAT(3) = -3.580	Z/BV	X/CV
		.580	.0060
		.650	-.3980
		.775	-.3240
		.900	-.0260
			.925
			.840
			.600
			.316
			.158
		Z/BV	X/CV
		.500	.7220
		.650	.1710
		.800	.1710
		.950	.0750
		.100	.0750
		.250	.0230
		.400	-.4250
		.550	-.3310
			.925
			.840
			.600
			.316
			.158
		Z/BV	X/CV
		.500	.6990
		.650	.1650
		.800	.1450
		.950	.0690
		.100	.0520
		.250	-.4400
		.400	-.3370
			.925
			.840
			.600
			.316
			.158
		Z/BV	X/CV
		.500	.6060
		.650	.1500
		.800	.1210
		.950	.0240
		.100	-.0700
		.250	-.4420
		.400	-.3330
			.925
			.840
			.600
			.316
			.158
		Z/BV	X/CV
		.500	.5470
		.650	.1320
		.800	.0950
		.950	-.0020
		.100	-.1080
			.925
			.840
			.600
			.316
			.158

DATE 21 SEP '73

TABULATED PRESSURE DATA - 1A9A

PAGE 2348

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL (RBMV02)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.245 ALPHAT(7) = 3.970

Z/BV X/CV	.158	.316	.600	.840	.925
.650	-.4880	-.5270	-.5600	-.4980	-.5140
.775	-.3380	-.5160	-.5260	-.5200	-.5200
.900	-.0420	-.5330	-.5030	-.5030	-.5130

MACH (5) = 1.395 ALPHAT(8) = 5.590

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5430	.4780	.2790	.3410	.2190
.050	.1010	-.1320	-.2010	-.2100	-.1850
.150	.0830	-.0340	-.0070	-.0090	-.0110
.300	-.0160	-.0700	-.0850	-.0160	-.0260
.500	-.1070	-.1220	-.1080	-.0510	-.0410
.650	-.5020	-.5220	-.5710	-.5100	-.5270
.775	-.3380	-.5150	-.5250	-.5350	-.5310
.900	-.0360	-.5370	-.5120	-.5120	-.5270

MACH (4) = 1.247 ALPHAT(9) = 7.980

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5390	.4680	.2430	.3200	.1790
.050	.1520	-.1640	-.2220	-.2210	-.1920
.150	.0550	-.0320	-.0330	-.0140	-.0390
.300	-.0400	-.0980	-.1050	-.0070	-.0430
.500	-.1140	-.1450	-.1240	-.0730	-.0650
.650	-.5320	-.5340	-.5720	-.5170	-.5330
.775	-.3520	-.5310	-.5250	-.5400	-.5390
.900	-.0440	-.5400	-.5400	-.5140	-.5350

MACH (5) = 1.401 ALPHAT(1) = -8.050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.8570	.7460	.6280	.6880	.5240
.050	.2150	.0640	-.0400	-.0580	-.0460
.150	.3000	.2230	.2290	.2060	.1900
.300	.2020	.1530	.1520	.2000	.1860
.500	.1150	.0840	.1000	.1260	.1440
.650	-.2680	-.3320	-.3630	-.3080	-.3140
.775	-.2740	-.3450	-.3300	-.3460	-.3280
.900	.0200	-.3460	-.3460	-.3270	-.3110

MACH (5) = 1.395 ALPHAT(2) = -5.970

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.8370	.7120	.5810	.6420	.4750
.050	.1690	.0350	-.0640	-.0780	-.0740
.150	.2680	.1910	.1960	.1800	.1610
.300	.1770	.1230	.1200	.1690	.1520
.500	.0860	.0530	.0730	.0930	.1190
.650	-.2970	-.3490	-.3780	-.3200	-.3240

DATE 21 SEP 73

ABLATED PRESSURE DATA - 1A9A

PAGE 2543

AVES 11-737 1A9 02A + 03 + 73 LEFT VERTICAL

(REMARKS)

SECTION 1 LEFT VERTICAL

DEPENDENT VARIABLE C/P

W/C	(S) = 1.395	A ₀ = 1.940	21	316	500	840	.925
W/C	.775	-.2840	-.3680	-.3410	-.3590	-.3410	-.3440
W/C	.900		.1170	-.3590	-.3410		-.3300

W/C	(S) = 1.395	A ₀ = 1.940	21	316	500	840	.925
W/C	.500	.6100	.6830	.5960	.5990	.5990	.4850
W/C	.550	.5810	.6140	-.0850	-.0850	-.0850	-.0870
W/C	.600	.5530	.5860	.5710	.5590	.5590	.4390
W/C	.650	.5250	.5580	.5430	.5310	.5270	.4090
W/C	.700	.4970	.5300	.5150	.5030	.4990	.3890
W/C	.750	.4690	.5020	.4870	.4750	.4710	.3610
W/C	.800	.4410	.4740	.4590	.4470	.4430	.3330
W/C	.850	.4130	.4460	.4310	.4190	.4150	.3050
W/C	.900	.3850	.4180	.4030	.3910	.3870	.2770
W/C	.950	.3570	.3900	.3750	.3630	.3590	.2490
W/C	.975	.3290	.3620	.3470	.3350	.3310	.2210
W/C	.990	.3010	.3340	.3190	.3070	.3030	.1930

W/C (S) = 1.395 A₀ = 1.940 21 = -0.990

W/C	(S) = 1.395	A ₀ = 1.940	21	316	500	840	.925
W/C	.700	.7530	.8470	.4850	.5450	.5450	.3750
W/C	.750	.7250	.8190	.4570	.5170	.5170	.3470
W/C	.800	.6970	.7910	.4290	.4890	.4890	.3190
W/C	.850	.6690	.7630	.4010	.4610	.4610	.2910
W/C	.900	.6410	.7350	.3730	.4330	.4330	.2630
W/C	.950	.6130	.7070	.3450	.4050	.4050	.2350
W/C	.975	.5850	.6790	.3170	.3770	.3770	.2070
W/C	.990	.5570	.6510	.2890	.3490	.3490	.1790

W/C (S) = 1.395 A₀ = 1.940 21 = 0.000

W/C	(S) = 1.395	A ₀ = 1.940	21	316	500	840	.925
W/C	.500	.6740	.6810	.4450	.5070	.5070	.3340
W/C	.550	.6460	.6530	.4170	.4790	.4790	.3060
W/C	.600	.6180	.6250	.3890	.4510	.4510	.2780
W/C	.650	.5900	.5970	.3610	.4230	.4230	.2500
W/C	.700	.5620	.5690	.3330	.3950	.3950	.2220
W/C	.750	.5340	.5410	.3050	.3670	.3670	.1940
W/C	.800	.5060	.5130	.2770	.3390	.3390	.1660
W/C	.850	.4780	.4850	.2490	.3110	.3110	.1380
W/C	.900	.4500	.4570	.2210	.2830	.2830	.1100
W/C	.950	.4220	.4290	.1930	.2550	.2550	.0820
W/C	.975	.3940	.4010	.1650	.2270	.2270	.0540
W/C	.990	.3660	.3730	.1370	.1990	.1990	.0260

W/C (S) = 1.395 A₀ = 1.940 21 = 2.000

W/C	(S) = 1.395	A ₀ = 1.940	21	316	500	840	.925
W/C	.500	.6140	.5810	.4030	.4640	.4640	.3040
W/C	.550	.5860	.5530	.3750	.4360	.4360	.2760
W/C	.600	.5580	.5250	.3470	.4080	.4080	.2480
W/C	.650	.5300	.4970	.3190	.3800	.3800	.2200
W/C	.700	.5020	.4690	.2910	.3520	.3520	.1920
W/C	.750	.4740	.4410	.2630	.3240	.3240	.1640
W/C	.800	.4460	.4130	.2350	.2960	.2960	.1360
W/C	.850	.4180	.3850	.2070	.2680	.2680	.1080
W/C	.900	.3900	.3570	.1790	.2400	.2400	.0800
W/C	.950	.3620	.3290	.1510	.2120	.2120	.0520
W/C	.975	.3340	.3010	.1230	.1840	.1840	.0240
W/C	.990	.3060	.2730	.0950	.1560	.1560	.0000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-757 1A9 OGA + S3 + T9 LEFT VERTICAL

254/22)

SECTION 1 LEFT VERTICAL

DEPENDENT VARIABLE C/F

WICH (5) = 1.393 ALPHAT(5) = 2.000
Z/BV .158 .316 .600 .840 .925
Y/CV .500 -.0130 -.3940 -.3760 -.3890

WICH (6) = 1.124 ALPHAT(6) = 2.550
Z/BV .158 .316 .600 .840 .925
Y/CV .100 .5530 .5490 .3690 .4240 .2620
.050 .1190 .1190 .1450 .1460 .1340
.150 .1280 .0890 .0960 .0780 .0370
.300 .0420 .0030 .0010 .0540 .0320
.520 .0390 .0620 .0380 .0230 .0000
.650 .3700 .4080 .4260 .3760 .3390
.775 .3140 .4280 .3900 .4010 .3950
.900 .0160 .4060 .3840 .4030 .4030

WICH (7) = 1.396 ALPHAT(7) = 6.030

Z/BV .158 .316 .500 .840 .925
Y/CV .000 .5110 .5150 .3240 .3970 .2290
.050 .1340 .0730 .1490 .1590 .1400
.150 .1130 .0430 .0670 .0500 .0270
.300 .0270 .0190 .0240 .0340 .0120
.520 .0470 .0720 .0560 .0390 .0190
.650 .4060 .4110 .4300 .3950 .3970
.775 .3250 .4170 .3970 .4060 .4130
.900 .0140 .4130 .3910 .4130 .4130

WICH (8) = 1.391 ALPHAT(8) = 7.990

Z/BV .158 .316 .600 .840 .925
Y/CV .000 .5350 .4810 .3000 .3450 .1950
.050 .0840 .0840 .1560 .1640 .1520
.150 .0860 .0280 .0430 .0410 .0010
.300 .0150 .0350 .0460 .0100 .0120
.520 .0590 .0890 .0790 .0570 .0380
.650 .4280 .4140 .4410 .3970 .4110
.775 .3350 .4210 .4080 .4150 .4120
.900 .0210 .4230 .4000 .4210 .4210

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNV03) (27 APR 73)

REFERENCE DATA

SREF = 2.4213 S3.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) LEFT VERTICAL

MACH (1) = .599 BETAT (1) = -8.050

DEPENDENT VARIABLE CP

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	-.5820	-1.0410	-.9740	-.6460	-.3360
.050	.4160	.3890	.4370	.4210	.3420
.100	.2890	.2640	.2590	.2150	.1800
.150	.1590	.0910	.0930	.1160	.0240
.200	-.1320	-.1710	-.1950	-.2110	-.2070
.250	-.4120	-.4360	-.4430	-.3170	-.2810
.300	-.2850	-.1330	-.1280	-.1070	-.1250

PARAMETRIC DATA

ALPHAT = -8.000 OFBINC = .500
 RUDDER = .000 ELEVON = .000
 RUDEFLR = .000

MACH (1) = .598 BETAT (2) = -6.050

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	-.1150	-.5060	-.4950	-.2710	-.0230
.050	.3260	.2980	.3570	.3440	.2810
.100	.2190	.1920	.1830	.1420	.1350
.150	.0970	.0450	.0360	.0520	-.0100
.200	-.1720	-.2160	-.2420	-.2450	-.2430
.250	-.4290	-.4670	-.4770	-.3420	-.3220
.300	-.2820	-.2550	-.1760	-.1400	-.1360
.350	-.1240	-.1190	-.0820	-.0910	-.0910

MACH (1) = .596 BETAT (3) = -4.020

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	.2700	.0090	-.0750	.0960	.2190
.050	.2170	.1680	.2250	.2270	.1870
.100	.1390	.1110	.0950	.0650	.0800
.150	.0370	-.0260	-.0300	-.0070	-.0420
.200	-.2170	-.2510	-.2840	-.2870	-.2690
.250	-.6370	-.4590	-.5210	-.3920	-.3520
.300	-.2770	-.2620	-.1800	-.1460	-.1290
.350	-.1000	-.1020	-.0610	-.0610	-.0610

MACH (1) = .598 BETAT (4) = -2.000

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	.4520	.3610	.2520	.4110	.3680
.050	.1030	.0200	.0270	.0400	.0400
.100	.0670	.0320	-.0110	-.0470	-.0110
.150	-.0300	-.0950	-.1160	-.0760	-.0960
.200	-.2620	-.3000	-.3400	-.3220	-.3070
.250	-.4440	-.5190	-.5580	-.3950	-.3970
.300	-.2750	-.2750	-.2720	-.1540	-.1290
.350	-.0980	-.0980	-.0920	-.0570	-.0460

AWES 11-707 1A9 021 + S3 + T9 LEFT VERTICAL

(REMARKS)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (5) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.5080	.5060	.4640	.5290	.3680	
.050	-.0200	-.2290	-.3670	-.3670	-.0920	
.150	-.0220	-.0800	-.1340	-.1780	-.1030	
.300	-.0890	-.1610	-.1980	-.1520	-.1590	
.520	-.3060	-.3390	-.3920	-.3520	-.3370	
.650	-.4440	-.5330	-.5980	-.4230	-.4320	
.775	-.2580	-.2230	-.2230	-.1970	-.1470	
.900		-.0940	-.1020	-.0570	-.0410	

MACH (2) = .598 BETAT (6) = 2.060

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3890	.4410	.4250	.4040	.1730	
.050	-.2280	-.4770	-.7480	-.8390	-.3610	
.150	-.1080	-.1910	-.2690	-.3150	-.2190	
.300	-.1600	-.2430	-.2800	-.2340	-.2370	
.520	-.3510	-.3790	-.4140	-.3870	-.3840	
.650	-.4410	-.5420	-.6190	-.4320	-.4640	
.775	-.2550	-.2990	-.2350	-.2770	-.1570	
.900		-.0690	-.1020	-.0680	-.0390	

MACH (3) = .598 BETAT (7) = 4.100

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.1070	.1840	.2470	.1610	-.1310	
.050	-.4130	-.6380	-.8270	-.1100	-.7310	
.150	-.2790	-.3570	-.4780	-.5170	-.3850	
.300	-.2380	-.3470	-.4000	-.3470	-.3280	
.520	-.3950	-.4280	-.4510	-.4250	-.3920	
.650	-.4600	-.5420	-.6210	-.4350	-.4710	
.775	-.2590	-.3120	-.2490	-.3090	-.1840	
.900		-.1150	-.1100	-.0860	-.0680	

MACH (4) = .598 BETAT (8) = 6.140

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	-.3910	-.1700	.0390	-.0670	-.4390	
.050	-.6240	-.8290	-.8010	-.8140	-.9510	
.150	-.3140	-.5910	-.7030	-.7070	-.6740	
.300	-.3190	-.4690	-.5740	-.5440	-.4190	
.520	-.4340	-.4740	-.5090	-.4440	-.3920	
.650	-.4530	-.5360	-.5310	-.4010	-.4290	
.775	-.2660	-.3220	-.2830	-.2740	-.2060	
.900		-.1300	-.1440	-.1270	-.1210	

MACH (5) = .598 BETAT (9) = 8.180

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	-.10090	-.3350	-.1780	-.3050	-.7540	
.050	-.8550	-.10180	-.8650	-.8450	-.12250	
.150	-.4400	-.6980	-.7930	-.7490	-.2540	
.300	-.3690	-.6520	-.6800	-.6210	-.9970	

DATE 21 SEP 75 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL (REMARKS)

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (9) = 8.180 Z/BV .158 .316 .600 .840 .925
X/CV
.520 -.4570 -.4840 -.5090 -.4720 -.4400
.650 -.4250 -.4640 -.3960 -.4270 -.4270
.775 -.2990 -.3290 -.3150 -.3150 -.3050
.900 -.1490 -.1990 -.2050 -.2750

MACH (2) = .901 BETAT (1) = -8.140 Z/BV .158 .316 .600 .840 .925
X/CV
.000 .0680 -.2080 -.2920 -.0950 .0730
.050 .4620 .4030 .4530 .3910 .2920
.150 .3520 .3250 .2790 .1940 .1280
.300 .2450 .1800 .1330 .1250 .0720
.520 .0420 .0920 .1980 .2220 .3120
.650 -.4360 .9270 -1.0970 -1.0150 -1.0290
.775 -.3220 .3980 .5380 .9810 .9450
.900 -.1740 .3490 .5450 .2990

MACH (2) = .900 BETAT (2) = -6.100 Z/BV .158 .316 .600 .840 .925
X/CV
.000 .2950 .0510 -.0480 .1170 .1390
.050 .3570 .2950 .3730 .3200 .2370
.150 .2620 .2450 .2100 .1300 .0820
.300 .1720 .1250 .0770 .0870 .0550
.520 -.0120 .1270 .2220 .2350 .2980
.650 -.4830 .9640 -1.1190 -1.0310 -1.0310
.775 -.3180 .4210 .8010 .6360 .6920
.900 -.1740 .3230 .6070 .2690

MACH (2) = .900 BETAT (3) = -4.050 Z/BV .158 .316 .600 .840 .925
X/CV
.000 .4470 .2660 .1550 .3100 .2570
.050 .2410 .1790 .2750 .2170 .1470
.150 .1790 .1630 .1400 .0570 .0190
.300 .0970 .0570 .0190 .0260 .0960
.520 -.0650 .1620 .2440 .2430 .2870
.650 -.5340 .1000 -1.1420 -1.0420 .8630
.775 -.3790 .4240 .8610 .6950 .3680
.900 -.1640 .2840 .5050 .2440

MACH (2) = .898 BETAT (4) = -2.020 Z/BV .158 .316 .600 .840 .925
X/CV
.000 .5320 .4220 .3450 .4990 .3340
.050 .1530 .0320 .0550 .1550 .0220
.150 .0860 .0710 .0380 .0480 .0350
.300 .0140 .0180 .0510 .0330 .0940
.520 -.1180 .2120 .2640 .2430 .2670

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = .898 BETAT (4) = -2.020
Z/BV .158 .316 .600 .840 .925
X/CV
.650 -.5730 -1.0160 -1.1640 -1.0500 -.9100
.775 -.2890 -.4630 -.8960 -.6940 -.3660
.900 -.1450 -.3440 -.5020 -.2590

MACH (2) = .899 BETAT (5) = 2.080
Z/BV .158 .316 .600 .840 .925
X/CV
.000 .4770 .4940 .4590 .4240 .3870
.050 -.3050 -.5590 -.7120 -.8030 -.8120
.150 -.1140 -.2290 -.3400 -.3770 -.4650
.300 -.1960 -.2270 -.2680 -.2490 -.2610
.520 -.2580 -.3260 -.3070 -.2820 -.2810
.650 -.6130 -.8970 -1.1830 -.5600 -.5910
.775 -.2780 -.4840 -.4730 -.3290 -.2240
.900 -.1420 -.2520 -.2280 -.1560

MACH (2) = .898 BETAT (6) = 4.140
Z/BV .158 .316 .600 .840 .925
X/CV
.000 .3340 .4050 .3550 .2930 .0180
.050 -.4970 -.6770 -.9280 -1.3240 -1.3350
.150 -.1690 -.5100 -.6860 -1.1100 -1.1850
.300 -.2740 -.3950 -.5650 -.4330 -.8270
.520 -.3650 -.4370 -.4840 -.3020 -.2490
.650 -.5020 -.6170 -.7490 -.3750 -.7820
.775 -.3130 -.5140 -.3500 -.2180 -.1650
.900 -.1840 -.2210 -.1550 -.1470

MACH (2) = .901 BETAT (7) = 6.210
Z/BV .158 .316 .600 .840 .925
X/CV
.000 .1090 .2500 .2530 .1730 -.1020
.050 -.6940 -.8130 -1.0620 -.8970 -.6710
.150 -.2120 -.7810 -.9110 -.8370 -.6890
.300 -.3370 -.5960 -.8020 -.7460 -.6530
.520 -.4260 -.5280 -.7380 -.5560 -.4670
.650 -.4730 -.6270 -.6620 -.4800 -.3970
.775 -.3490 -.5540 -.4870 -.4130 -.3520
.900 -.1990 -.3690 -.3580 -.3160

MACH (2) = .900 BETAT (8) = 8.270
Z/BV .158 .316 .600 .840 .925
X/CV
.000 -.1080 .0780 .1470 .0620 -.2070
.050 -.9090 -.9280 -1.0740 -.7210 -.6020
.150 -.2600 -.9270 -1.0740 -.7180 -.6140
.300 -.3990 -.9170 -1.0100 -.6810 -.5650
.520 -.4870 -.6650 -.8170 -.6190 -.5040
.650 -.4620 -.5380 -.6830 -.5350 -.4280

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = .950 BETAT (8) = 8.270 Z/BV .158 .316 .650 .840 .925
X/CV .775 -.3960 -.5260 -.6120 -.4810 -.4020
.900 -.1810 -.4880 -.4330 -.3810

MACH (3) = 1.102 BETAT (1) = -8.170 Z/BV .158 .316 .650 .840 .925
X/CV .000 .2810 .0750 .0360 .2000 .2410
.050 .5780 .4990 .5880 .5340 .4690
.150 .4850 .4690 .4300 .3710 .3070
.300 .3960 .3540 .3180 .2810 .1770
.520 .2350 .1390 .0730 .0410 -.0240
.650 -.2320 -.5850 -.6640 -.5940 -.6240
.775 -.3310 -.2350 -.4390 -.5950 -.6270
.900 -.0950 -.4730 -.4970 -.5780

MACH (3) = 1.100 BETAT (2) = -6.120 Z/BV .158 .316 .650 .840 .925
X/CV .000 .4840 .3100 .2420 .3810 .3470
.050 .5020 .3930 .5030 .4630 .4100
.150 .4080 .3900 .3580 .3140 .2630
.300 .3250 .2950 .2600 .2580 .1470
.520 .1860 .1030 .0570 .0260 -.0200
.650 -.2860 -.6000 -.6820 -.6100 -.6290
.775 -.3430 -.2810 -.4850 -.6180 -.6490
.900 -.1060 -.5210 -.5490 -.6180

MACH (3) = 1.102 BETAT (3) = -4.080 Z/BV .158 .316 .650 .840 .925
X/CV .000 .6350 .4820 .3860 .5150 .4220
.050 .3950 .2620 .3920 .3600 .3290
.150 .3170 .3000 .3020 .2450 .2100
.300 .2400 .2260 .1970 .2160 .1190
.520 .1380 .0590 .0360 .0190 -.0090
.650 -.3790 -.6150 -.6960 -.6290 -.6560
.775 -.3600 -.3500 -.5210 -.6430 -.6620
.900 -.1090 -.5550 -.6080 -.6500

MACH (3) = 1.100 BETAT (4) = -2.030 Z/BV .158 .316 .650 .840 .925
X/CV .000 .7040 .5840 .4980 .5910 .4760
.050 .3080 .1330 .1620 .2020 .1980
.150 .2330 .1930 .2040 .1530 .1440
.300 .1400 .1470 .1290 .1560 .0810
.520 .0820 .0120 -.0040 -.0120 -.0120
.650 -.4340 -.6290 -.7090 -.6380 -.6500
.775 -.3770 -.4220 -.5630 -.6690 -.6700

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2557

AVES 11-707 IAS OCA + S3 + T9 LEFT VERTICAL

(REMARKS)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.101	BETAT (9) = 7.800	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1530	.3670	.3670	.3070	.0530
		.050	-.5370	-.5950	-.6770	-.8770	-.9780
		.100	-.7030	-.6290	-.6290	-.7680	-.9730
		.150	-.7410	-.5140	-.6110	-.6300	-.9130
		.200	-.7230	-.3540	-.5800	-.5340	-.8750
		.250	-.6520	-.7240	-.8290	-.8650	-.8230
		.300	-.4270	-.5620	-.7620	-.7010	-.7810
		.350		-.1230	-.6060	-.5370	-.5450

MACH (4) = 1.248 BETAT (1) = -8.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3480	.2460	.1970	.3270	.3510
.050	.6100	.5890	.6970	.6240	.5720
.100	.5120	.5310	.5230	.4960	.4180
.150	.4450	.4450	.4170	.4100	.3550
.200	.3200	.2670	.2220	.1790	.1200
.250	-.1130	-.3760	-.4460	-.4120	-.4570
.300	-.2330	-.0940	-.3210	-.4180	-.4220
.350		-.0010	-.3150	-.3350	-.3860

MACH (4) = 1.248 BETAT (2) = -6.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5250	.4180	.3660	.5080	.4550
.050	.5450	.4930	.5670	.5480	.5100
.100	.4470	.4440	.4550	.4380	.3760
.150	.3750	.3750	.3580	.3760	.2950
.200	.2610	.2230	.1970	.1650	.1220
.250	-.1670	-.3950	-.4620	-.4210	-.4260
.300	-.2530	-.1770	-.3550	-.4350	-.4420
.350		-.0120	-.3560	-.3640	-.4150

MACH (4) = 1.248 BETAT (3) = -4.050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6750	.5510	.4850	.6540	.5950
.050	.4760	.3740	.4230	.4310	.4210
.100	.3620	.3380	.3590	.3550	.3110
.150	.2840	.2770	.2810	.3330	.2470
.200	.1810	.1590	.1570	.1410	.1120
.250	-.2490	-.4240	-.4790	-.4420	-.4450
.300	-.2810	-.2890	-.3950	-.4610	-.4630
.350		-.0280	-.3950	-.4150	-.4390

MACH (4) = 1.248 BETAT (4) = -2.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7840	.6560	.5610	.6550	.5410
.050	.3710	.2340	.1930	.2460	.2670
.100	.3120	.2530	.2540	.2550	.2220
.150	.2190	.1870	.1890	.2530	.2570

DATE 21 SEP 79 TABULATED PRESSURE DATA - 1A9A

(REMOVED)

AVES 11-707 1A9 02A + S3 + 19 LEFT VERTICAL

SECTION (1) LEFT VERTICAL		DEPENDENT VARIABLE CP	
MACH (4) = 1.246	BETAT (4) = -2.020	Z/BV X/CV	
		.520	.158 .316 .603 .840 .925
		.650	.0890 .0910 .1180 .1030
		.775	-.3150 -.4470 -.4980 -.4550
		.900	-.3020 -.3770 -.4370 -.4840
			-.1240 -.4400 -.4540 -.4550
MACH (4) = 1.267	BETAT (5) = 2.080	Z/BV X/CV	
		.020	.158 .316 .603 .840 .925
		.050	.7570 .6970 .6360 .6470
		.150	.0050 -.1950 -.3550 -.4570
		.300	.1820 .0870 .0290 -.2740
		.520	.0910 .0350 .0070 .1670
		.650	.0050 -.0400 -.0990 .0590
		.775	-.4010 -.4890 -.5330 -.4750
		.900	-.3220 -.4790 -.5060 -.4850
			-.0380 -.5130 -.4900 -.4340
MACH (4) = 1.267	BETAT (6) = 4.143	Z/BV X/CV	
		.020	.158 .316 .603 .840 .925
		.050	.5630 .6500 .6040 .5650
		.150	-.1950 -.2720 -.5120 -.6020
		.300	.1450 -.1810 -.4310 -.4650
		.520	.0590 -.0370 -.1070 -.3760
		.650	-.0540 -.1030 -.1560 -.1030
		.775	-.3810 -.5100 -.5630 -.4850
		.900	-.3310 -.4850 -.5200 -.5110
			-.0460 -.5370 -.5060 -.4370
MACH (4) = 1.248	BETAT (7) = 6.190	Z/BV X/CV	
		.020	.158 .316 .603 .840 .925
		.050	.3700 .5550 .5570 .4640
		.150	-.3150 -.3590 -.4640 -.6750
		.300	.0780 -.3330 -.3750 .5510
		.520	.0040 -.2220 -.3720 -.4690
		.650	-.1020 -.1670 -.2610 -.2870
		.775	-.3660 -.5130 -.5670 .5560
		.900	-.3420 -.4720 -.5300 .5960
			-.0460 .5470 .5650 .5450
MACH (4) = 1.251	BETAT (8) = 8.290	Z/BV X/CV	
		.020	.158 .316 .603 .840 .925
		.050	.1760 .4570 .4770 .4010
		.150	-.3230 -.4170 .5060 .6750
		.300	-.0480 .4260 .4720 .6380
		.520	-.0750 .3910 .4450 .6570
		.650	-.1640 .2990 .4270 .3990
		.775	
		.900	

TABULATED PRESSURE DATA - IASA

DATE 21 SEP 73

(RBN#03)

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH : 4) = 1.251	BETAT (8) = 8.250	Z/BV	.158	.316	.600	.810	.925
		X/CV					
		.650	-.4070	-.5310	-.6440	-.6640	-.6360
		.775	-.3590	-.4440	-.6080	-.6860	-.6480
		.900		-.0300	-.5190	-.4850	-.6010

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2560

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBMV04) (27 APR 73)

REFERENCE DATA

SRFP = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BRFP = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
 TORDER = .000 ELEVON = .000
 RUDEFL = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE QP

MACH (1) = .598 BETAT (1) = -8.060

Z/BV X/CV	.158	.316	.630	.840	.925
.000	-.5570	-1.0830	-1.0150	-.8990	-.3840
.050	.4010	.3750	.4240	.4130	.3210
.100	.2750	.2500	.2480	.2040	.1650
.150	.1440	.0840	.0870	.0970	.0120
.200	-.1290	-.1720	-.1930	-.2050	-.2070
.250	-.4060	-.4380	-.4290	-.3160	-.2840
.300	-.2890	-.2480	-.1680	-.1460	-.1460
.350	-.1410	-.1260	-.1040	-.1160	

MACH (1) = .597 BETAT (2) = -6.040

Z/BV X/CV	.158	.316	.630	.840	.925
.000	-.1140	-.9280	-.5130	-.3080	-.0760
.050	.3120	.2800	.3360	.3340	.2690
.100	.2030	.1820	.1740	.1420	.1230
.150	.0880	.0310	.0290	.0470	-.0190
.200	-.1710	-.2160	-.2390	-.2450	-.2350
.250	-.4230	-.4650	-.4650	-.3330	-.3060
.300	-.2780	-.2560	-.1710	-.1380	-.1330
.350	-.1230	-.1040	-.0850	-.0880	

MACH (1) = .599 BETAT (3) = -4.020

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2490	-.0190	-.1040	.0720	.1670
.050	.1980	.1460	.2160	.2140	.1760
.100	.1160	.0960	.0870	.0490	.0610
.150	.0270	-.0270	-.0460	-.0150	-.0510
.200	-.2260	-.2640	-.2880	-.2860	-.2780
.250	-.4440	-.4950	-.5110	-.3630	-.3480
.300	-.2820	-.2650	-.1890	-.1470	-.1310
.350	-.1080	-.1060	-.0650	-.0590	

MACH (1) = .599 BETAT (4) = -2.000

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.4370	.3370	.2320	.3760	.3270
.050	.0850	-.0010	.0240	.0290	.0310
.100	.0420	.0130	-.0230	-.0600	-.0160
.150	-.0440	-.1130	-.1220	-.0860	-.0970
.200	-.2730	-.3050	-.3420	-.3310	-.3110
.250	-.6490	-.5170	-.5610	-.4070	-.3960
.300	-.2760	-.2730	-.2080	-.1600	-.1330
.350	-.1050	-.1120	-.0610	-.0480	

DATE 21 SEP 72

ABLATED PRESSURE DATA - IAGA

(25624)

ANES 11-707 IAG 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

MACH (1) = .600	BETAT (5) = .020	Z/BU	X/CV	.158	.316	.600	.840	.925
				.4870	.4820	.4270	.4990	.3280
			.550	-.0220	-.2620	-.3740	-.3570	-.1090
			.550	-.0400	-.0970	-.1380	-.1850	-.1120
			.550	-.1050	-.1750	-.2080	-.1610	-.1670
			.520	-.3140	-.3410	-.3950	-.3590	-.3370
			.650	-.4450	-.5280	-.5910	-.4290	-.4220
			.775	-.2640	-.2920	-.2250	-.1820	-.1410
			.900		-.1050	-.1040	-.0560	-.0370

MACH (1) = .599	BETAT (6) = 2.060	Z/BU	X/CV	.158	.316	.600	.840	.925
			.500	.3590	.4050	.3900	.3690	.1270
			.580	-.2430	-.5030	-.7450	-.8360	-.3770
			.150	-.1280	-.2030	-.2770	-.3280	-.2270
			.300	-.1770	-.2610	-.2940	-.2420	-.2370
			.520	-.3560	-.3920	-.4190	-.3890	-.3620
			.650	-.4380	-.5380	-.6150	-.4230	-.4570
			.775	-.2510	-.3030	-.2430	-.2770	-.1590
			.900		-.0960	-.1050	-.0750	-.0420

MACH (1) = .599	BETAT (7) = .090	Z/BU	X/CV	.158	.316	.600	.840	.925
			.500	.0920	.1580	.1980	.1270	-.1750
			.550	-.4310	-.6540	-.7920	-.1020	-.7080
			.550	-.2250	-.3750	-.4500	-.5210	-.1110
			.300	-.2550	-.3950	-.3590	-.3650	-.3160
			.520	-.3950	-.4290	-.4640	-.4160	-.3940
			.650	-.4540	-.5470	-.6100	-.4350	-.4990
			.775	-.2550	-.3030	-.2450	-.3010	-.1750
			.900		-.1130	-.1110	-.0660	-.0630

MACH (1) = .600	BETAT (8) = 6.120	Z/BU	X/CV	.158	.316	.600	.840	.925
			.500	-.3950	-.2040	-.0010	-.0990	-.4860
			.550	-.6450	-.8410	-.7930	-.7960	-.9280
			.150	-.3380	-.6130	-.7110	-.7030	-.5760
			.300	-.3270	-.4820	-.5770	-.5450	-.3960
			.520	-.4260	-.4720	-.4990	-.4430	-.1940
			.650	-.4350	-.5170	-.5340	-.3970	-.4270
			.775	-.2690	-.3270	-.2990	-.2760	-.2030
			.900		-.1180	-.1400	-.1310	-.1140

MACH (1) = .600	BETAT (9) = 9.160	Z/BU	X/CV	.158	.316	.600	.840	.925
			.500	-.1070	-.3540	-.2190	-.3460	-.5070
			.550	-.8430	-.10450	-.8660	-.8290	-.11900
			.150	-.4690	-.9550	-.8120	-.7480	-.12650
			.300	-.4250	-.6670	-.6760	-.6230	-.9960

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(R24904)

AMES 11-707 1A9 O2A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .601 BETAT (9) = 8.160

Z/BV X/CV	.158	.316	.600	.840	.925
.520	-.4880	-.4860	-.5240	-.4770	-.3830
.650	-.4420	-.4860	-.4650	-.3940	-.3870
.775	-.3170	-.3350	-.3300	-.3180	-.2800
.900		-.1380	-.2140	-.2150	-.2440

MACH (2) = .899 BETAT (1) = -8.160

Z/BV X/CV	.158	.316	.600	.840	.925
.500	.5720	-.2310	-.3430	-.1540	-.0530
.650	.4160	.3720	.4320	.3710	.2720
.800	.3160	.3030	.2620	.1770	.1050
.950	.2210	.1570	.1140	.0860	-.0490
.520	.0250	-.1000	-.2130	-.2380	-.3280
.650	-.4380	-.9120	-1.1000	-1.0090	-1.0400
.775	-.3240	-.3970	-.4600	-.9550	-.9460
.900		-.1700	-.3420	-.4950	-.2520

MACH (2) = .897 BETAT (2) = -6.100

Z/BV X/CV	.158	.316	.600	.840	.925
.500	.2820	.0350	-.0970	.0800	.0970
.650	.3310	.2770	.3580	.3000	.2270
.800	.2420	.2350	.2200	.1170	.0660
.950	.1540	.1120	.0610	.0680	-.0710
.520	-.0240	-.1350	-.2370	-.2490	-.3120
.650	-.4370	-.9660	-1.1280	-1.0370	-1.0460
.775	-.3150	-.4100	-.7420	-.8590	-.6550
.900		-.1630	-.2980	-.5350	-.2760

MACH (2) = .922 BETAT (3) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.500	.4260	.2420	.1100	.2580	.1990
.650	.2580	.1500	.2510	.2050	.1350
.800	.1440	.1370	.1220	.0420	.0010
.950	.0690	.0410	.0030	.0210	-.1130
.520	-.0770	-.1750	-.2490	-.2560	-.3020
.650	-.5440	-1.0000	-1.1440	-1.0440	-.8380
.775	-.3080	-.4430	-.8600	-.5140	-.3790
.900		-.1580	-.2920	-.5170	-.2280

MACH (2) = .920 BETAT (4) = -2.030

Z/BV X/CV	.158	.316	.600	.840	.925
.500	.5120	.3940	.3140	.4240	.2990
.650	.1270	.0130	.0480	.0450	.0130
.800	.0570	.0560	.0230	-.0490	-.0440
.950	-.0050	-.0350	-.0600	-.0390	-.1060
.520	-.1350	-.2150	-.2740	-.2570	-.2770

DATE 20 SEP 73

RECEIVED MESSAGE DATA - 149A

NO. 11-757 149 00 + 03 + 73 LEFT REMOVAL

TEMP

RECEIVED MESSAGE DATA - 149A

NO. 11-757 149 00 + 03 + 73 LEFT REMOVAL

NO. 11-757 149 00 + 03 + 73 LEFT REMOVAL

NO. 11-757 149 00 + 03 + 73 LEFT REMOVAL

NO. 11-757 149 00 + 03 + 73 LEFT REMOVAL

NO. 11-757 149 00 + 03 + 73 LEFT REMOVAL

NO. 11-757 149 00 + 03 + 73 LEFT REMOVAL

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(55N104)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = .898 BETAT (8) = 8.240
Z/BV .158 .316 .600 .840 .925
X/CV .775 -.4140 -.6330 -.4570 -.4020
.900 -.1720 -.4940 -.4230 -.3750

MACH (3) = 1.110 BETAT (1) = -8.190
Z/BV .158 .316 .600 .840 .925
X/CV .000 .2730 .0910 .0210 .1640 .1920
.050 .5010 .4450 .5510 .5000 .4350
.150 .4190 .4250 .4020 .3470 .2750
.300 .3430 .3130 .2870 .2660 .1490
.520 .1970 .1190 .0550 .0180 -.0460
.650 .2420 .5900 .6730 .8040 .6390
.775 .3440 .2540 .4500 .6170 .6400
.900 .1080 .4890 .5150 .5960

MACH (3) = 1.599 BETAT (2) = -5.120
Z/BV .158 .316 .600 .840 .925
X/CV .000 .4890 .3100 .2210 .3480 .3020
.050 .4390 .3350 .4630 .4240 .3790
.150 .3510 .3460 .3260 .2880 .2290
.300 .2760 .2570 .2260 .2380 .1250
.520 .1510 .0770 .0390 .0000 -.0400
.650 .3180 .6090 .6850 .6250 .6440
.775 .3580 .3090 .4940 .6320 .6570
.900 .1060 .5360 .5530 .6330

MACH (3) = 1.101 BETAT (3) = -4.080
Z/BV .158 .316 .600 .840 .925
X/CV .000 .6220 .4700 .3590 .4760 .3760
.050 .3670 .2050 .3520 .3290 .2930
.150 .2680 .2540 .2650 .2250 .1810
.300 .1920 .1930 .1640 .2030 .0930
.520 .1020 .0370 .0170 .0040 .0280
.650 .3880 .6260 .7050 .6350 .6750
.775 .3730 .3720 .5330 .6540 .6720
.900 .1160 .5710 .6160 .6670

MACH (3) = 1.102 BETAT (4) = -2.030
Z/BV .158 .316 .600 .840 .925
X/CV .000 .6900 .5570 .4610 .5510 .4340
.050 .2780 .0790 .1090 .1710 .1680
.150 .1980 .1470 .1800 .1280 .1140
.300 .0980 .0920 .1010 .1450 .0570
.520 .0370 .0140 .0280 .0260 .0200
.650 .4410 .6370 .7160 .6480 .6650
.775 .3830 .4360 .5710 .6770 .6760

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(REMOVED)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV	.900	-1.000	-1.6140	-1.6470	-1.6330

MACH (3) = 1.099 BETAT (5) = 2.090

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6470	.6010	.5400	.5160
	.050	-0.0250	-0.3200	-0.5250	-0.6580
	.150	.0730	-0.0180	-0.1310	-0.1680
	.300	-0.0220	-0.0830	-0.0950	-0.0800
	.520	-0.0920	-0.1550	-0.1140	-0.0560
	.650	-0.5500	-0.6880	-0.7490	-0.6560
	.775	-0.3850	-0.5430	-0.6340	-0.6960
	.900	-0.0990	-0.6900	-0.6800	-0.6250

MACH (3) = 1.098 BETAT (6) = 4.150

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.5390	.5560	.4870	.4370
	.050	-0.2060	-0.4120	-0.6610	-0.8350
	.150	.0270	-0.2410	-0.4020	-0.6730
	.300	-0.0700	-0.1570	-0.2880	-0.5270
	.520	-0.1540	-0.2260	-0.2070	-0.1170
	.650	-0.5540	-0.7100	-0.7250	-0.6760
	.775	-0.4100	-0.5560	-0.6610	-0.7150
	.900	-0.1300	-0.7300	-0.7080	-0.6390

MACH (3) = 1.100 BETAT (7) = 6.210

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3430	.4470	.4190	.3410
	.050	-0.3500	-0.5200	-0.6750	-0.9180
	.150	-0.0190	-0.4970	-0.5380	-0.7860
	.300	-0.1290	-0.2770	-0.4720	-0.6920
	.520	-0.2120	-0.2960	-0.4370	-0.3780
	.650	-0.5770	-0.7430	-0.7510	-0.7670
	.775	-0.4090	-0.5620	-0.7060	-0.7990
	.900	-0.1270	-0.6910	-0.7940	-0.7250

MACH (3) = 1.098 BETAT (8) = 8.290

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.1020	.3050	.3250	.2430
	.050	-0.3000	-0.6350	-0.7070	-0.8480
	.150	-0.1070	-0.6540	-0.6830	-0.7640
	.300	-0.1970	-0.4690	-0.6320	-0.6830
	.520	-0.2760	-0.3380	-0.6230	-0.6230
	.650	-0.5600	-0.7690	-0.8470	-0.7190
	.775	-0.4180	-0.5280	-0.7820	-0.5980
	.900	-0.1070	-0.5990	-0.5550	-0.5250

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RECORDED)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (5) = 2.070

Z/BV X/CV	.158	.316	.670	.840	.925
.520	-.0240	-.0640	-.0280	.0260	.0530
.650	-.4080	-.5030	-.5420	-.4790	-.4710
.775	-.3170	-.4790	-.4920	-.5160	-.4950
.900	-.0340	-.5210	-.4960	-.4490	-.4490

MACH (4) = 1.248 BETAT (6) = 4.120

Z/BV X/CV	.158	.316	.670	.840	.925
.000	.5100	.6270	.5620	.5200	.3120
.050	-.0850	-.2990	-.5180	-.6110	-.6220
.150	.1190	-.1940	-.4180	-.4720	-.4850
.300	.0270	-.0470	-.1180	-.3890	-.3570
.520	-.0830	-.1320	-.0870	-.0470	-.1240
.650	-.3770	-.5310	-.5670	-.4960	-.4790
.775	-.3380	-.4680	-.5240	-.5130	-.5000
.900	-.0440	-.5490	-.4980	-.4370	-.4370

MACH (4) = 1.245 BETAT (7) = 6.170

Z/BV X/CV	.158	.316	.670	.840	.925
.000	.3590	.5410	.5170	.4560	.2290
.050	-.1420	-.3510	-.4750	-.6970	-.6920
.150	.0650	-.3310	-.3730	-.5680	-.5980
.300	-.0160	-.1620	-.3150	-.4850	-.4220
.520	-.1290	-.1790	-.2750	-.2660	-.3180
.650	-.3970	-.5550	-.5710	-.5640	-.6030
.775	-.3530	-.4410	-.5410	-.5990	-.6110
.900	-.0370	-.5370	-.5630	-.5920	-.5400

MACH (4) = 1.245 BETAT (8) = 8.210

Z/BV X/CV	.158	.316	.670	.840	.925
.000	.1410	.4330	.4420	.3580	.1060
.050	-.2100	-.4370	-.5180	-.6820	-.7560
.150	-.0440	-.4510	-.4890	-.6400	-.7010
.300	-.1020	-.3650	-.4610	-.4950	-.6810
.520	-.1860	-.2620	-.4420	-.4070	-.4090
.650	-.4240	-.5620	-.6540	-.6840	-.6510
.775	-.3420	-.4220	-.6180	-.6620	-.6390
.900	-.0120	-.5090	-.4690	-.4690	-.5160

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + 79 LEFT VERTICAL

(REMOVED) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 OFFENC = -.500
 RUDDER = .000 ELEVON = .000
 RUDEFL = .000

SECTION: (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = .600	BETAT (1) = .020	Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.4690	.4560	.3950	.4600	.2820			
.050	-.0440	-.2670	-.3680	-.1260				
.100	-.0630	-.1090	-.1550	-.2050	-.1280			
.150	-.1280	-.2000	-.2130	-.1690	-.1740			
.200	-.3260	-.3530	-.3970	-.3530	-.3430			
.250	-.4550	-.5410	-.5980	-.4370	-.4260			
.300	-.775	-.2670	-.3010	-.2270	-.1840	-.1350		
.350		-.1100	-.1090	-.0630	-.0430			

MACH (1) = .598	BETAT (2) = 4.080	Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.0790	.1260	.1570	.0770	-.2220			
.050	-.4320	-.6710	-.7620	-.9970	-.7170			
.100	-.2360	-.3850	-.5010	-.5180	-.4210			
.150	-.2600	-.3620	-.3910	-.3580	-.2590			
.200	-.4050	-.4290	-.4560	-.4140	-.3740			
.250	-.4400	-.5350	-.5960	-.4270	-.4470			
.300	-.775	-.2580	-.3120	-.2460	-.2870	-.1700		
.350		-.1180	-.1070	-.0830	-.0590			

MACH (1) = .599	BETAT (3) = 6.120	Z/BV	X/CV	.158	.316	.600	.840	.925
.000	-.3570	-.2330	-.0490	-.1590	-.5430			
.050	-.6580	-.8610	-.7980	-.7960	-.9530			
.100	-.3410	-.6350	-.7080	-.7070	-.6850			
.150	-.3490	-.4830	-.5730	-.5450	-.3960			
.200	-.4530	-.4740	-.4990	-.4370	-.3950			
.250	-.4470	-.5050	-.5190	-.3980	-.4140			
.300	-.775	-.2870	-.3270	-.2840	-.2790	-.2020		
.350		-.1250	-.1480	-.1290	-.1200			

MACH (1) = .599	BETAT (4) = 8.150	Z/BV	X/CV	.158	.316	.600	.840	.925
.000	-.9770	-.5960	-.2650	-.3970	-.8550			
.050	-.7790	-.10620	-.8570	-.8070	-.1190			
.100	-.4630	-.9950	-.8040	-.7270	-.12520			
.150	-.4580	-.6490	-.6670	-.5020	-.1010			
.200	-.5240	-.4730	-.5290	-.4720	-.3460			
.250	-.4460	-.4570	-.4520	-.3910	-.3620			
.300	-.775	-.3190	-.3320	-.3210	-.2570			
.350		-.1360	-.2060	-.2570	-.2190			

(RBM035)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (5) = 2.110

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	-.3050	-.3440	-.3260	-.3100	-.3150
.050	-.5260	-.7580	-1.1610	-.3860	-.4650
.150	-.2860	-.4770	-.4500	-.2640	-.2090
.300		-.1410	-.2390	-.1940	-.1310
.450					
.600					

MACH (2) = .900 BETAT (6) = 4.120

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3150	.3410	.2670	.1910	-.0970
.050	-.5390	-.7380	-.9720	-1.3050	-1.3410
.150	-.2360	-.5490	-.7470	-1.0930	-1.2460
.300	-.3420	-.4390	-.6150	-.5360	-.7190
.450	-.4140	-.4700	-.6950	-.3700	-.2390
.600	-.4630	-.5640	-.7260	-.2900	-.4550
.750	-.3300	-.5030	-.3470	-.2060	-.1420
.900		-.1740	-.2230	-.1420	-.1100

MACH (2) = .904 BETAT (7) = 6.170

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1240	.1920	.1630	.0670	-.1970
.050	-.7240	-.8640	-1.0860	-.8420	-.6440
.150	-.2840	-.8580	-.9720	-.8230	-.6410
.300	-.4020	-.5740	-.8730	-.7190	-.5760
.450	-.4890	-.5630	-.7320	-.5680	-.4790
.600	-.4620	-.5120	-.6280	-.4840	-.3940
.750	-.3820	-.5030	-.5130	-.4040	-.3610
.900		-.1650	-.3740	-.3480	-.3170

MACH (2) = .899 BETAT (8) = 8.230

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	-.1050	.0240	.0520	-.0470	-.3170
.050	-.6970	-.9990	-1.1070	-.7230	-.5940
.150	-.3550	-1.0350	-1.0750	-.7270	-.6130
.300	-.4850	-.7350	-1.0100	-.6980	-.5460
.450	-.5390	-.6140	-.8510	-.6160	-.5090
.600	-.4580	-.4480	-.7110	-.5150	-.4300
.750	-.4190	-.4110	-.6090	-.4550	-.3900
.900		-.1640	-.4880	-.4190	-.3590

MACH (3) = 1.100 BETAT (1) = -8.200

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3030	.1000	-.0030	.1400	.1530
.050	.4410	.3870	.5150	.4670	.4100
.150	.3610	.3630	.3680	.3200	.2490
.300	.2970	.2750	.2610	.2410	.1260
.450	.1670	.0930	.0380	-.0050	-.0650

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REMARKS)

ANES 11-707 IAS OCA + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (1) = -8.200

Z/BV X/CV	.158	.316	.600	.840	.925
.650	-.2770	-.6030	-.6800	-.6120	-.6930
.775	-.3530	-.2780	-.4580	-.6290	-.6450
.900	-.0830	-.6930	-.3250	-.3250	-.6050

MACH (3) = 1.097 BETAT (2) = -6.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4620	.2890	.1930	.3110	.2570
.050	.3890	.2890	.4270	.3920	.3550
.100	.3020	.3060	.2950	.2580	.2080
.150	.2350	.2250	.1980	.2050	.1920
.200	.1210	.0570	.0180	-.0230	-.0840
.250	-.3440	-.6160	-.6880	-.6270	-.6510
.300	-.3680	-.3320	-.5050	-.6420	-.6670
.350		-.0890	-.5650	-.5790	-.6430

MACH (3) = 1.101 BETAT (3) = -4.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5790	.4450	.3250	.4390	.3320
.050	.3170	.1530	.3080	.2930	.2720
.100	.2260	.2030	.2240	.1910	.1510
.150	.1410	.1530	.1360	.1770	.0680
.200	.0660	.0740	-.0020	-.1250	-.0480
.250	-.4170	-.6310	-.7120	-.6430	-.6870
.300	-.3800	-.3960	-.5420	-.6640	-.6810
.350		-.1100	-.5830	-.6230	-.6820

MACH (3) = 1.099 BETAT (4) = -2.000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6730	.5310	.4170	.5050	.3900
.050	.2490	.0440	.0750	.1400	.1250
.100	.1710	.1110	.1950	.1030	.1950
.150	.0670	.0920	.0680	.1250	.0330
.200	.0010	-.0390	-.0490	-.0970	-.0540
.250	-.4470	-.6460	-.7230	-.6530	-.6810
.300	-.3940	-.4480	-.5750	-.6870	-.6890
.350		-.1460	-.6220	-.6560	-.6570

MACH (3) = 1.101 BETAT (5) = 2.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6350	.5640	.5020	.4780	.2640
.050	.0310	-.3480	-.5560	-.6400	-.6570
.100	.0520	-.0470	-.0960	-.2040	-.3180
.150	-.0590	-.1130	-.1180	-.1280	-.0480
.200	-.1200	-.1740	-.1280	-.1870	-.0790
.250	-.5620	-.6950	-.7530	-.6360	-.6720

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL (339455)

SECTION (1) LEFT VERTICAL

MACH (3) = 1.101 BETAT (5) = 2.080
 Z/BV .158 .316 .600 .840 .925
 X/CV .775 -.3870 -.5390 -.6390 -.7070 -.7080
 .900 -.5990 -.6960 -.6810 -.6400

MACH (3) = 1.102 BETAT (6) = 4.140
 Z/BV .158 .316 .600 .840 .925
 X/CV .500 .5110 .5280 .4460 .3950 .1640
 .050 -.5720 -.4260 -.6760 -.8370 -.8540
 .150 .0060 -.2360 -.4050 -.6790 -.6950
 .300 -.1010 -.1720 -.2950 -.4940 -.5410
 .520 -.1660 -.2530 -.2180 -.1440 -.0710
 .650 -.3760 -.7280 -.7420 -.6830 -.6760
 .775 -.4120 -.5400 -.6720 -.7280 -.7190
 .900 -.1270 -.7290 -.7170 -.6560

MACH (3) = 1.106 BETAT (7) = 6.200
 Z/BV .158 .316 .600 .840 .925
 X/CV .000 .3240 .4290 .3720 .3100 .0950
 .050 -.1290 -.5300 -.6830 -.9320 -.9510
 .150 -.0500 -.5020 -.5470 -.8240 -.8250
 .300 -.1620 -.2310 -.6860 -.7010 -.6780
 .520 -.2350 -.3240 -.4360 -.3790 -.4720
 .650 -.5910 -.7700 -.7540 -.7590 -.7890
 .775 -.4110 -.5470 -.7120 -.7930 -.7950
 .900 -.1150 -.6310 -.7550 -.7220

MACH (3) = 1.106 BETAT (8) = 8.270
 Z/BV .158 .316 .600 .840 .925
 X/CV .000 .1410 .2860 .2810 .1940 .0470
 .050 -.2930 -.6390 -.7190 -.8470 -.9910
 .150 -.1160 -.6660 -.6790 -.7650 -.9310
 .300 -.2130 -.3440 -.6630 -.6850 -.9650
 .520 -.2950 -.3420 -.6320 -.6400 -.4640
 .650 -.5730 -.7870 -.8330 -.6880 -.8390
 .775 -.3980 -.5180 -.7790 -.8700 -.5540
 .900 -.1030 -.5850 -.5450 -.4350

MACH (4) = 1.245 BETAT (1) = -8.150
 Z/BV .158 .316 .600 .840 .925
 X/CV .000 .2700 .2110 .1330 .2540 .2670
 .050 .4780 .4860 .5770 .5570 .5140
 .150 .3890 .4420 .4570 .4410 .3650
 .300 .3420 .3690 .3550 .3630 .2530
 .520 .2490 .2140 .1780 .1330 .0780
 .650 .1460 .3990 .4650 .4200 .4440
 .775 .2020 .1520 .3430 .4470 .4410

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBNV03)

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

MACH (4) = 1.245 BETAT (1) = -3.150
Z/BV .158 .316 .600 .840 .925
X/CV .900 -.3320 -.3530 -.4110

MACH (4) = 1.245 BETAT (2) = -6.110
Z/BV .158 .316 .600 .840 .925
X/CV .000 .3910 .3130 .4340 .3610
.050 .4490 .4060 .4930 .4820 .4580
.150 .3590 .3680 .3930 .3830 .3210
.300 .2930 .3110 .3030 .3230 .2320
.520 .1970 .1740 .1550 .1190 .0830
.650 -.2140 -.4170 -.4840 -.4430 -.4530
.775 -.2590 -.2310 -.3740 -.4500 -.4630
.900 -.0110 -.3750 -.3880 -.4450

MACH (4) = 1.245 BETAT (3) = -4.060
Z/BV .158 .316 .600 .840 .925
X/CV .000 .5110 .5060 .4070 .5150 .4110
.050 .4040 .3060 .3580 .3680 .3700
.150 .3130 .2710 .3030 .3030 .2670
.300 .2230 .2170 .2280 .2740 .2130
.520 .1260 .1130 .1150 .1090 .0760
.650 -.2700 -.4400 -.4950 -.4550 -.4670
.775 -.2770 -.3190 -.4050 -.4710 -.4770
.900 -.0280 -.4150 -.4260 -.4750

MACH (4) = 1.246 BETAT (4) = -2.020
Z/BV .158 .316 .600 .840 .925
X/CV .000 .6790 .6020 .4830 .5690 .4460
.050 .3130 .1700 .1290 .1980 .2250
.150 .2530 .1980 .2130 .2110 .1770
.300 .1620 .1310 .1400 .2100 .1310
.520 .0570 .0410 .0510 .0830 .0700
.650 -.3270 -.4580 -.5090 -.4670 -.4810
.775 -.3030 -.3930 -.4400 -.4910 -.4900
.900 -.0250 -.4510 -.4570 -.4840

MACH (4) = 1.243 BETAT (5) = 2.060
Z/BV .158 .316 .600 .840 .925
X/CV .000 .6770 .6400 .5480 .5500 .3580
.050 .1660 .2100 .3610 .4560 .4640
.150 .1580 .0520 .0290 .2440 .3910
.300 .0510 .0070 .0350 .0020 .0640
.520 .0490 .0830 .0480 .0010 .0290
.650 -.3990 .5100 .5530 .4830 .4830
.775 -.3200 .4470 .4980 .5260 .5010
.900 -.0240 .5290 .5050 .4630

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 IA9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL		DEPENDENT VARIABLE CP	
MACH (4) = 1.241	BETAT (6) = 4.120	Z/BV X/CV	
		.000	.5920 .5200 .4800 .2760 .925
		.050	.0840 -.3070 -.5220 -.6140 -.6250
		.100	.1040 -.1700 -.3700 -.4810 -.4870
		.150	.0600 -.0590 -.1380 -.3810 -.3500
		.200	.1180 -.1570 -.1140 -.0250 .0150
		.250	.3970 -.5560 -.5690 -.4950 -.4870
		.300	.775 -.3310 -.4300 -.5210 -.5220 -.4950
		.350	.900 -.0420 -.5470 -.5790 -.5760 -.4350
		.400	
		.450	
		.500	
		.550	
		.600	
		.650	
		.700	
		.750	
		.800	
		.850	
		.900	
		.950	
		.990	
		1.000	
		1.050	
		1.100	
		1.150	
		1.200	
		1.250	
		1.300	
		1.350	
		1.400	
		1.450	
		1.500	
		1.550	
		1.600	
		1.650	
		1.700	
		1.750	
		1.800	
		1.850	
		1.900	
		1.950	
		2.000	
		2.050	
		2.100	
		2.150	
		2.200	
		2.250	
		2.300	
		2.350	
		2.400	
		2.450	
		2.500	
		2.550	
		2.600	
		2.650	
		2.700	
		2.750	
		2.800	
		2.850	
		2.900	
		2.950	
		3.000	
		3.050	
		3.100	
		3.150	
		3.200	
		3.250	
		3.300	
		3.350	
		3.400	
		3.450	
		3.500	
		3.550	
		3.600	
		3.650	
		3.700	
		3.750	
		3.800	
		3.850	
		3.900	
		3.950	
		4.000	
		4.050	
		4.100	
		4.150	
		4.200	
		4.250	
		4.300	
		4.350	
		4.400	
		4.450	
		4.500	
		4.550	
		4.600	
		4.650	
		4.700	
		4.750	
		4.800	
		4.850	
		4.900	
		4.950	
		5.000	
		5.050	
		5.100	
		5.150	
		5.200	
		5.250	
		5.300	
		5.350	
		5.400	
		5.450	
		5.500	
		5.550	
		5.600	
		5.650	
		5.700	
		5.750	
		5.800	
		5.850	
		5.900	
		5.950	
		6.000	
		6.050	
		6.100	
		6.150	
		6.200	
		6.250	
		6.300	
		6.350	
		6.400	
		6.450	
		6.500	
		6.550	
		6.600	
		6.650	
		6.700	
		6.750	
		6.800	
		6.850	
		6.900	
		6.950	
		7.000	
		7.050	
		7.100	
		7.150	
		7.200	
		7.250	
		7.300	
		7.350	
		7.400	
		7.450	
		7.500	
		7.550	
		7.600	
		7.650	
		7.700	
		7.750	
		7.800	
		7.850	
		7.900	
		7.950	
		8.000	
		8.050	
		8.100	
		8.150	
		8.200	
		8.250	
		8.300	
		8.350	
		8.400	
		8.450	
		8.500	
		8.550	
		8.600	
		8.650	
		8.700	
		8.750	
		8.800	
		8.850	
		8.900	
		8.950	
		9.000	
		9.050	
		9.100	
		9.150	
		9.200	
		9.250	
		9.300	
		9.350	
		9.400	
		9.450	
		9.500	
		9.550	
		9.600	
		9.650	
		9.700	
		9.750	
		9.800	
		9.850	
		9.900	
		9.950	
		10.000	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AWES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(23V726)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .658 BETAT (5) = .020

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	.4540	.4310	.3720	.4300	.2510
.050	-.0320	-.2870	-.3640	-.3550	-.1340
.100	-.0610	-.1150	-.1650	-.2030	-.1280
.150	-.1390	-.2050	-.2150	-.1670	-.1750
.200	-.3270	-.3520	-.3830	-.3550	-.3360
.250	-.4480	-.5250	-.5890	-.4160	-.4110
.300	-.775	-.7030	-.8250	-.1760	-.1370
.350		-.1110	-.1110	-.0610	-.1360

MACH (1) = .651 BETAT (6) = 2.050

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	.3380	.3550	.3160	.2510	.0470
.050	-.2250	-.5430	-.7120	-.7690	-.3560
.100	-.1630	-.2270	-.2240	-.3300	-.2350
.150	-.2030	-.2740	-.3040	-.2470	-.2350
.200	-.3640	-.3850	-.4180	-.3870	-.3500
.250	-.4280	-.5470	-.6100	-.4290	-.4310
.300	-.775	-.5550	-.3540	-.2370	-.1520
.350		-.1090	-.1140	-.0700	-.0460

MACH (1) = .601 BETAT (7) = 4.080

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	.0710	.1060	.1220	.0300	-.2650
.050	-.4330	-.6800	-.7340	-.8630	-.7110
.100	-.2550	-.4060	-.5000	-.5270	-.4290
.150	-.2750	-.3610	-.4060	-.3630	-.2860
.200	-.4160	-.4240	-.4610	-.4090	-.3670
.250	-.4350	-.5170	-.5370	-.4220	-.4290
.300	-.775	-.2680	-.3100	-.2720	-.1750
.350		-.1150	-.1190	-.1020	-.0640

MACH (1) = .599 BETAT (8) = 6.110

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	-.3720	-.2670	-.0880	-.2180	-.6030
.050	-.6150	-.8210	-.7930	-.7840	-.8870
.100	-.3520	-.6550	-.7130	-.7040	-.6820
.150	-.3760	-.4970	-.5790	-.5460	-.3990
.200	-.4270	-.4570	-.4960	-.4300	-.3760
.250	-.4950	-.4760	-.5060	-.3970	-.3990
.300	-.775	-.3120	-.3330	-.2650	-.1960
.350		-.1370	-.1440	-.1240	-.1150

MACH (1) = .600 BETAT (9) = 8.140

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	-.2470	-.6320	-.3020	-.4410	-.8720
.050	-.6950	-.1040	-.8460	-.7870	-.1090
.100	-.4710	-.1110	-.8000	-.7260	-.1260
.150	-.4830	-.6190	-.6760	-.6020	-.9630

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

REVISED

AVES 11-707 1A9 02A + S3 + 79 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE C_p

MACH (1) = .900 BETAT (9) = 8.140 Z/BV .58 .316 .600 .840 .925
Y/CV
.525 -.5495 -.4850 -.5280 -.4840 -.3100
.655 -.4780 -.4290 -.4560 -.3590 -.3420
.775 -.3240 -.3090 -.3140 -.3010 -.2470
.910 -.1350 -.2000 -.1960 -.2130

MACH (2) = .904 BETAT (1) = -8.180 Z/BV .58 .316 .600 .840 .925
Y/CV
.500 .0970 -.2790 -.4450 -.2670 -.1460
.650 .3120 .3070 .3980 .3270 .2340
.810 .2420 .2520 .2280 .1430 .0880
.970 .1630 .1150 .0820 .0570 .0790
.520 -.0670 -.1250 -.2390 -.2610 -.3390
.650 -.4450 -.8830 -1.0960 -1.0060 -1.0270
.775 -.3340 -.3920 -.3610 -.6160 -.5300
.920 -.1530 -.2940 -.4300 -.2680

MACH (2) = .901 BETAT (2) = -6.130

Z/BV .58 .316 .600 .840 .925
Y/CV
.500 .2430 -.0360 -.1970 -.0480 -.0240
.650 .2430 .2190 .3250 .2740 .1870
.810 .1750 .1870 .1640 .0920 .0310
.970 .0950 .0780 .0420 .0320 .0950
.520 -.0560 -.1530 -.2570 -.2650 -.3320
.650 -.4450 -.9420 -1.1240 -1.0370 -1.0330
.775 -.3170 -.4030 -.4210 -.6560 -.4540
.920 -.1490 -.2580 -.4070 -.2810

MACH (2) = .902 BETAT (3) = -4.070

Z/BV .58 .316 .600 .840 .925
Y/CV
.500 .4000 .0900 .0330 .1840 .1070
.650 .1330 .1040 .2250 .1760 .1090
.810 .1510 .1320 .0500 .0190 .0360
.970 .0830 .0070 .0020 .0040 .0430
.520 -.1110 -.1320 -.2650 -.2780 -.3150
.650 -.5230 -.9760 -1.1420 -1.0480 -.8220
.775 -.3130 -.4210 -.7060 -.6320 -.3730
.920 -.1320 -.2710 -.4070 -.1020

MACH (2) = .901 BETAT (4) = -2.030

Z/BV .58 .316 .600 .840 .925
Y/CV
.500 .4440 .3330 .2360 .3530 .2130
.650 .1610 -.0550 .1390 .0160 -.0160
.810 -.0320 .1130 .0130 .0190 .0190
.970 -.0070 .0160 .0160 .0160 .0160
.520 -.1000 -.2230 .0320 .0320 .0320

FILE 21 SEP 73

ADJUSTED MESSAGE DATA - 149A

22105

SECTION / 11 SEP VERTICAL

DEPENDENT VARIABLE C

MACH (2) = .902 BETAT (4) = -2.030

Z/E	.158	.316	.630	.840	.925
Y/CV					
.550	-1.5380	-1.1580	-1.0470	-1.0470	-1.0470
.775	-1.2790	-1.0450	-1.0100	-1.0100	-1.0100
.900		-1.2530	-1.0740	-1.0740	-1.0740

MACH (2) = .903 BETAT (5) = 2.080

Z/E	.158	.316	.630	.840	.925
Y/CV					
.100	.4120	.3970	.3440	.3110	.2450
.350	-1.2620	-1.6540	-1.7300	-1.8140	-1.7840
.550	-1.2380	-1.2930	-1.3620	-1.3960	-1.4800
.700	-1.3010	-1.2600	-1.2770	-1.3070	-1.2770
.820	-1.3100	-1.3290	-1.3310	-1.3220	-1.3300
.950	-1.4780	-1.6930	-1.1730	-1.3610	-1.4450
.775	-1.2820	-1.4450	-1.4540	-1.2360	-1.1600
.920		-1.1380	-1.2070	-1.1570	-1.0980

MACH (2) = .903 BETAT (6) = 4.130

Z/E	.158	.316	.630	.840	.925
Y/CV					
.100	.3080	.3080	.2210	.1410	-1.1370
.350	-1.4650	-1.7630	-1.9820	-1.0170	-1.8910
.550	-1.2560	-1.5630	-1.7570	-1.9370	-1.8020
.700	-1.3540	-1.4520	-1.6410	-1.7440	-1.6580
.820	-1.4320	-1.4730	-1.4300	-1.4750	-1.5050
.950	-1.4310	-1.4860	-1.5770	-1.5590	-1.5850
.775	-1.3290	-1.4670	-1.3510	-1.2270	-1.2890
.920		-1.1520	-1.1870	-1.1760	-1.1590

MACH (2) = .907 BETAT (7) = 6.180

Z/E	.158	.316	.630	.840	.925
Y/CV					
.100	.2130	.1560	.1160	.0490	-1.2410
.350	-1.4590	-1.8820	-1.9830	-1.7810	-1.6100
.550	-1.3120	-1.6890	-1.9910	-1.7740	-1.6180
.700	-1.4340	-1.5120	-1.9140	-1.6910	-1.5510
.820	-1.4570	-1.5090	-1.7100	-1.5430	-1.4710
.950	-1.4430	-1.4510	-1.5590	-1.4750	-1.3110
.775	-1.3760	-1.4120	-1.4550	-1.3900	-1.2480
.920		-1.1420	-1.3150	-1.3340	-1.3140

MACH (2) = .914 BETAT (8) = 8.230

Z/E	.158	.316	.630	.840	.925
Y/CV					
.100	-1.0960	-1.0230	.0140	-1.1180	-1.3620
.350	-1.5560	-1.1130	-1.1950	-1.7020	-1.5720
.550	-1.3720	-1.1110	-1.0760	-1.7100	-1.6890
.700	-1.5110	-1.5310	-1.1110	-1.6720	-1.5310
.820	-1.5500	-1.0110	-1.0540	-1.6120	-1.5130
.950	-1.4720	-1.4720	-1.6910	-1.5120	-1.4340

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2379

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBMV26)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .904 BETAT (8) = 8.230

Z/BV	.158	.316	.600	.840	.925
X/CV	.775	-.4140	-.3920	-.5770	-.4630
	.900		-.1430	-.4610	-.4200
					-.3610

MACH (3) = 1.099 BETAT (1) = -8.210

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3450	.0920	-.0450	.0950
	.050	.3700	.3310	.4780	.4320
	.150	.3000	.3390	.3420	.2910
	.300	.2500	.2410	.2280	.2170
	.520	.1380	.0720	.0160	-.0340
	.650	-.2950	-.5980	-.6910	-.6210
	.775	-.3610	-.2990	-.4700	-.6380
	.900		-.0730	-.5020	-.5380
					-.6240

MACH (3) = 1.100 BETAT (2) = -6.140

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.4290	.2810	.1530	.2710
	.050	.3230	.2240	.3930	.3610
	.150	.2420	.2590	.2680	.2350
	.300	.1830	.1860	.1650	.1820
	.520	.0900	.0290	-.0040	-.0430
	.650	-.3450	-.6180	-.7090	-.6360
	.775	-.3700	-.3480	-.5160	-.6490
	.900		-.0890	-.5580	-.5840
					-.6600

MACH (3) = 1.100 BETAT (3) = -4.080

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.4700	.4200	.2950	.4010
	.050	.2750	.1130	.2720	.2590
	.150	.1860	.1530	.1960	.2680
	.300	.1020	.1210	.1050	.1460
	.520	.0330	-.0220	-.0250	-.0460
	.650	-.4460	-.6380	-.7200	-.6520
	.775	-.3910	-.4210	-.5510	-.6730
	.900		-.1050	-.5950	-.6320
					-.6970

MACH (3) = 1.099 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.5740	.5010	.3770	.4660
	.050	.2150	-.0010	.0070	.0920
	.150	.1350	.0740	.1470	.0750
	.300	.0340	.0130	.0360	.0940
	.520	-.0400	-.0680	-.0740	-.0780
	.650	-.4750	-.6580	-.7360	-.6680
	.775	-.3930	-.4660	-.5910	-.6950
	.900				-.7030

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(224428)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (3) = 1.099 BETAT (4) = -2.030
Z/BV .158 .316 .600 .840 .925
X/CV .900 -.0940 -.6340 -.6650 -.6800

MACH (3) = 1.102 BETAT (5) = 2.080
Z/BV .158 .316 .600 .840 .925
X/CV .000 .5920 .4370 .4320 .4200
.050 .0730 -.3680 -.5560 -.6260 -.6700
.150 .0340 -.0680 -.0980 -.2220 -.2810
.300 -.0740 -.1410 -.1240 -.1620 -.1660
.520 -.1110 -.1970 -.1500 -.1140 -.1020
.650 -.5610 -.7100 -.7610 -.6340 -.6060
.775 -.3820 -.5140 -.5450 -.7160 -.7130
.900 -.0960 -.7010 -.6960 -.6540

MACH (3) = 1.106 BETAT (6) = 4.130
Z/BV .158 .316 .600 .840 .925
X/CV .000 .4030 .4940 .4070 .3500 .1190
.050 .0440 -.4510 -.6700 -.8440 -.8680
.150 -.1160 -.2200 -.4230 -.6900 -.7210
.300 -.1160 -.1980 -.3120 -.4370 -.5640
.520 -.1810 -.2930 -.2250 -.1670 -.1550
.650 -.5950 -.7530 -.7610 -.6970 -.7000
.775 -.3960 -.5250 -.6800 -.7410 -.7190
.900 -.1130 -.6110 -.7290 -.6790

MACH (3) = 1.106 BETAT (7) = 6.190
Z/BV .158 .316 .600 .840 .925
X/CV .000 .3020 .4030 .3300 .2480 .0080
.050 -.0150 -.5420 -.6940 -.9290 -.9600
.150 -.0630 -.4570 -.5660 -.8170 -.8370
.300 -.2080 -.2300 -.5260 -.7030 -.6610
.520 -.2670 -.3370 -.4290 -.3900 -.4250
.650 -.6000 -.7860 -.7830 -.7830 -.7950
.775 -.3950 -.5200 -.7130 -.8120 -.7920
.900 -.1010 -.5820 -.6450 -.6930

MACH (3) = 1.104 BETAT (8) = 8.260
Z/BV .158 .316 .600 .840 .925
X/CV .000 .2050 .2640 .2390 .1440 -.1060
.050 -.3100 -.6460 -.7440 -.8470 -.9830
.150 -.1180 -.6650 -.7040 -.7720 -.3250
.300 -.2390 -.2770 -.6770 -.6920 -.9550
.520 -.3030 -.3670 -.6300 -.6540 -.4730
.650 -.6500 -.8150 -.8240 -.6460 -.8140
.775 -.4070 -.5130 -.7740 -.5560 -.5030
.900 -.0930 -.5740 -.5130 -.4550

DATE 21 SEP 79 TABULATED PRESSURE DATA - 1A9A

(RBMW06)

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL		DEPENDENT VARIABLE CP	
MACH (4) = 1.248	BETAT (1) = -8.160	Z/BV X/CV	
		.000	.3440 .1900 .1040 .2020 .2230
		.050	.4280 .4180 .5360 .5200 .4840
		.100	.3360 .3860 .4230 .4090 .3380
		.150	.2970 .3260 .3210 .3360 .2240
		.200	.2150 .1840 .1550 .1060 .0530
		.250	-.1820 -.4090 -.4770 -.4530 -.4550
		.300	-.2540 -.1870 -.3900 -.4530 -.4510
		.350	.0060 -.3900 -.3610 -.4230

SECTION (2) LEFT VERTICAL		DEPENDENT VARIABLE CP	
MACH (4) = 1.248	BETAT (2) = -6.110	Z/BV X/CV	
		.000	.3590 .2740 .3890 .3140
		.050	.3890 .3550 .4540 .4260
		.100	.2990 .3170 .3570 .3540 .2900
		.150	.2360 .2670 .2700 .2920 .1980
		.200	.1560 .1420 .1310 .0990 .0550
		.250	-.2220 -.4280 -.4910 -.4510 -.4620
		.300	-.2720 -.2560 -.3840 -.4690 -.4720
		.350	-.0140 -.3900 -.3990 -.4560

SECTION (3) LEFT VERTICAL		DEPENDENT VARIABLE CP	
MACH (4) = 1.248	BETAT (3) = -4.070	Z/BV X/CV	
		.000	.3980 .4770 .3690 .4750 .3750
		.050	.3540 .2610 .3170 .3330 .3480
		.100	.2650 .2370 .2670 .2770 .2360
		.150	.1810 .1810 .1990 .2440 .1830
		.200	.0940 .0890 .0830 .0690 .0590
		.250	-.3190 -.4500 -.5050 -.4590 -.4780
		.300	-.2930 -.3480 -.4130 -.4770 -.4850
		.350	-.0270 -.4250 -.4300 -.4840

SECTION (4) LEFT VERTICAL		DEPENDENT VARIABLE CP	
MACH (4) = 1.246	BETAT (4) = -2.030	Z/BV X/CV	
		.000	.5060 .5720 .4360 .5270 .3930
		.050	.3070 .1340 .1030 .1610 .1950
		.100	.2290 .1710 .1920 .1830 .1490
		.150	.1390 .1030 .1110 .1780 .1150
		.200	.0350 .0180 .0280 .0590 .0480
		.250	-.3430 -.4680 -.5120 -.4750 -.4930
		.300	-.3050 -.4070 -.4460 -.4960 -.5000
		.350	-.0220 -.4600 -.4630 -.4980

SECTION (5) LEFT VERTICAL		DEPENDENT VARIABLE CP	
MACH (4) = 1.248	BETAT (5) = 2.070	Z/BV X/CV	
		.000	.5530 .6130 .5030 .5070 .3080
		.050	.1990 .2250 .3890 .4640 .4750
		.100	.1370 .0270 .0460 .2400 .3970
		.150	.0290 .0320 .0600 .0270 .0450

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 OCA + S3 + T9 LEFT VERTICAL

(REMARKS)

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (4) = 1.248 BETAT (5) = 2.070

Z/BV X/CV	.158	.316	.600	.840	.925
.520	-.0670	-.1100	-.0730	-.0260	.0040
.650	-.3930	-.5250	-.5490	-.4800	-.4900
.775	-.3260	-.4330	-.5030	-.5310	-.5560
.900		-.0210	-.5360	-.5050	-.4780

MACH (4) = 1.247 BETAT (6) = 4.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3750	.5640	.4790	.4330	.2310
.050	.1690	-.3170	-.5200	-.6180	-.6250
.100	.0840	-.1430	-.3460	-.4840	-.4830
.150	.0190	-.0790	-.1650	-.3850	-.3700
.200	-.1410	-.1760	-.1390	-.0470	.0110
.250	-.4090	-.5760	-.5610	-.4970	-.4970
.300	-.3320	-.4190	-.5210	-.5280	-.5200
.350		-.0340	-.5500	-.5140	-.4630

MACH (4) = 1.248 BETAT (7) = 6.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3400	.4820	.4420	.3720	.1390
.050	.1040	-.3630	-.4940	-.6930	-.7590
.100	.0630	-.3150	-.3950	-.5820	-.6340
.150	-.0790	-.0830	-.3460	-.4990	-.4140
.200	-.1610	-.1930	-.2720	-.2590	-.3210
.250	-.4310	-.5980	-.5710	-.5760	-.6060
.300	-.3320	-.4160	-.5430	-.5980	-.5860
.350		-.0160	-.5740	-.6000	-.5350

MACH (4) = 1.248 BETAT (8) = 8.200

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1880	.3690	.3990	.2710	.0280
.050	-.1780	-.4570	-.5450	-.6650	-.7540
.100	-.0020	-.4820	-.5110	-.6130	-.7130
.150	-.1130	-.1950	-.4770	-.5060	-.6830
.200	-.2080	-.2190	-.4420	-.4440	-.3940
.250	-.4850	-.6140	-.6350	-.6820	-.6620
.300	-.3410	-.4140	-.6120	-.6330	-.6510
.350		-.0050	-.5410	-.4860	-.4610

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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(REMARK) (27 APR 73)

AMES 11-707 1A9 08A + S3 + T9 LEFT VERTICAL

REFERENCE DATA

SPREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BPREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0350 SCALE

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (1) = -8.100

Z/BV	X/CV	.158	.316	.630	.840	.925
.000		-.4590	-1.2780	-1.1600	-.8950	-.5730
.050		.3080	.3170	.3920	.3680	.2710
.100		.150	.2110	.2240	.1830	.280
.150		.300	.0300	.0510	.0810	-.0160
.200		.520	-.1420	-.1730	-.2330	-.2100
.250		.650	-.4040	-.4180	-.3960	-.2310
.300		.775	-.2700	-.2370	-.1480	-.1450
.350		.900		-.1350	-.1170	-.1180

MACH (1) = .596 BETAT (2) = -6.060

Z/BV	X/CV	.158	.316	.630	.840	.925
.000		-.1280	-.6520	-.5780	-.4890	-.2780
.050		.2480	.2290	.3040	.2830	.2230
.100		.150	.1520	.1520	.1230	.0830
.150		.300	.0530	.0220	.0350	-.0420
.200		.520	-.1870	-.2230	-.2410	-.2350
.250		.650	-.4180	-.4420	-.3720	-.2830
.300		.775	-.2800	-.2580	-.1650	-.1350
.350		.900		-.1280	-.1090	-.0860

MACH (1) = .598 BETAT (3) = -4.050

Z/BV	X/CV	.158	.316	.630	.840	.925
.000		.1940	-.1320	-.2440	-.0750	.0270
.050		.1530	.1090	.1960	.1930	.1510
.100		.0800	.0640	.0660	.0360	.0340
.150		.300	-.0160	-.0530	-.0170	-.0710
.200		.520	-.2370	-.2630	-.2830	-.2610
.250		.650	-.4370	-.4930	-.3410	-.2980
.300		.775	-.2830	-.2740	-.1880	-.1350
.350		.900		-.1160	-.1030	-.0660

MACH (1) = .595 BETAT (4) = -2.020

Z/BV	X/CV	.158	.316	.630	.840	.925
.000		.3790	.2470	.1160	.2610	.2090
.050		.0570	-.0200	.0240	.0310	.0230
.100		.150	.0090	-.0270	-.0370	-.0370
.150		.300	-.0810	-.1270	-.1310	-.0890
.200		.520	-.2800	-.3120	-.3320	-.3170
.250		.650	-.4480	-.5100	-.5350	-.3760
.300		.775	-.2710	-.2860	-.2020	-.1550
.350		.900		-.1150	-.1160	-.0660

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUDDLE = .000

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBM07)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (5) = .020

Z/BV X/CV	.158	.316	.632	.848	.925
.000	.4430	.4120	.3360	.4050	.2310
.050	-.0300	-.0860	-.3320	-.3320	-.1350
.100	-.0900	-.1220	-.1190	-.2000	-.1250
.150	-.1470	-.2030	-.1660	-.1660	-.1690
.200	-.3240	-.3500	-.3170	-.3510	-.3320
.250	-.4430	-.5340	-.5720	-.4120	-.3970
.300	-.2630	-.2370	-.2260	-.1710	-.1110
.350		-.1050	-.1130	-.0610	-.0310

MACH (1) = .597 BETAT (6) = 2.050

Z/BV X/CV	.158	.316	.632	.848	.925
.000	.3270	.3450	.2950	.2630	.1220
.050	-.2020	-.5500	-.7000	-.7610	-.3570
.100	-.1750	-.2030	-.2660	-.3310	-.2310
.150	-.2160	-.2810	-.2610	-.2480	-.2320
.200	-.3570	-.3140	-.4030	-.3720	-.3460
.250	-.4260	-.5220	-.5510	-.4210	-.4220
.300	-.2590	-.3130	-.2060	-.2230	-.1450
.350		-.1050	-.1120	-.0660	-.0350

MACH (1) = .599 BETAT (7) = 4.580

Z/BV X/CV	.158	.316	.632	.848	.925
.000	.5660	.0720	.0940	-.1020	-.2980
.050	-.4320	-.6930	-.7280	-.7910	-.7130
.100	-.2660	-.4050	-.5140	-.5260	-.4350
.150	-.2940	-.3790	-.4050	-.3540	-.2760
.200	-.4330	-.4340	-.4450	-.4000	-.3570
.250	-.4470	-.5080	-.5710	-.4180	-.4230
.300	-.2850	-.3130	-.2410	-.2630	-.1570
.350		-.1180	-.1160	-.0660	-.0560

MACH (1) = .597 BETAT (8) = 6.110

Z/BV X/CV	.158	.316	.632	.848	.925
.000	-.3260	-.3010	-.1320	-.2520	-.6430
.050	-.5220	-.9160	-.7940	-.7620	-.6600
.100	-.3610	-.6690	-.7160	-.6940	-.5630
.150	-.3970	-.4820	-.5790	-.5340	-.4720
.200	-.5140	-.4590	-.4860	-.4250	-.3710
.250	-.4700	-.4660	-.4960	-.3730	-.3520
.300	-.3240	-.3370	-.2730	-.2660	-.1930
.350		-.1310	-.1440	-.1240	-.1210

MACH (1) = .597 BETAT (9) = 8.140

Z/BV X/CV	.158	.316	.632	.848	.925
.000	-.7320	-.6760	-.3530	-.6950	-.9490
.050	-.6220	-.1470	-.8560	-.7920	-.1580
.100	-.4850	-.1580	-.8170	-.7310	-.1240
.150	-.4780	-.5760	-.6910	-.6230	-.9440

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2585

AXES 11-707 1A9 OCA + S3 + T9 LEFT VERTICAL (REVISED)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (9) = 8.140

Z/BV	.158	.316	.600	.840	.925
X/CV					
.520	-.5730	-.4730	-.5510	-.4980	-.3150
.650	-.5510	-.4450	-.4600	-.3750	-.3450
.775	-.3200	-.3100	-.3060	-.3080	-.2450
.900		-.1360	-.2000	-.2040	-.2130

MACH (2) = .970 BETAT (1) = -8.180

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.0780	-.3440	-.5400	-.3330	-.1880
.150	.2930	.2830	.3780	.3200	.2250
.300	.2260	.2450	.2190	.1420	.0590
.450	.1580	.1150	.0730	.0370	-.0570
.600	-.0110	-.1220	-.2490	-.2690	-.3460
.750	-.4400	-.8740	-1.1960	-1.0050	-1.0130
.900	-.3310	-.3870	-.3010	-.4990	-.5160
		-.1520	-.3020	-.4080	-.3130

MACH (2) = .899 BETAT (2) = -6.140

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2060	-.0850	-.2640	-.1330	-.0650
.150	.2150	.1960	.3180	.2670	.1950
.300	.1560	.1750	.1640	.0930	.0180
.450	.0950	.0630	.0340	-.0040	-.1150
.600	-.0600	-.1570	-.2660	-.2820	-.3520
.750	-.4590	-.9090	-1.1220	-1.0370	-1.0200
.900	-.3230	-.4030	-.4050	-.5950	-.4310
		-.1560	-.2670	-.3950	-.2850

MACH (2) = .899 BETAT (3) = -4.080

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3110	.1490	-.0300	.1160	.0330
.150	.1110	.1690	.2260	.1790	.1110
.300	.0660	.0890	.0970	.0190	-.1390
.450	.0690	.0010	-.0170	-.0460	-.1520
.600	-.1220	-.1930	-.2750	-.2920	-.3770
.750	-.4870	-.9570	-1.1460	-1.0570	-.8770
.900	-.3160	-.4260	-.3760	-.5450	-.3650
		-.1530	-.2060	-.3530	-.1970

MACH (2) = .901 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3970	.3070	.1910	.3070	.1710
.150	.0220	-.0530	.0790	.0340	-.0160
.300	-.0420	.0140	.0670	.0770	-.0690
.450	-.0660	-.0640	.0630	-.0950	-.1420
.600	-.1640	-.2270	-.2940	-.2990	-.3100

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

ANES 11-707 1A9 02A + S3 + 79 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (4) = -2.030

Z/BV	X/CV	.158	.316	.603	.840	.925
.650		-.5190	-.9520	-1.1670	-1.0480	-.8210
.775		-.2860	-.4390	-.5880	-.5080	-.3320
.900			-.1370	-.2070	-.4680	-.1820

MACH (2) = .901 BETAT (5) = .020

Z/BV	X/CV	.158	.316	.603	.840	.925
.650		.3980	.3450	.3410	.3980	.1820
.775		-.0830	-.3560	-.3560	-.3770	-.2430
.900		-.1500	-.1190	-.1280	-.2370	-.1680
		-.1730	-.1660	-.1770	-.1810	-.1990
		-.2370	-.2850	-.3190	-.3060	-.3270
		-.4910	-.8290	-1.1830	-.6850	-.5940
		-.2740	-.4410	-.4820	-.4360	-.2830
			-.1330	-.2010	-.3030	-.1650

MACH (2) = .901 BETAT (6) = 2.070

Z/BV	X/CV	.158	.316	.603	.840	.925
.650		.3800	.3700	.3150	.2850	.0150
.775		-.2260	-.6770	-.7040	-.7980	-.7820
.900		-.2270	-.3100	-.3580	-.4100	-.4250
		-.3160	-.2500	-.2780	-.3290	-.2810
		-.3170	-.3310	-.3420	-.3340	-.3340
		-.4470	-.6560	-1.1780	-.3410	-.3740
		-.2830	-.4310	-.4320	-.2220	-.1550
			-.1380	-.1970	-.1530	-.0930

MACH (2) = .906 BETAT (7) = 4.120

Z/BV	X/CV	.158	.316	.603	.840	.925
.650		.2270	.2840	.1840	.1040	-.1720
.775		-.3060	-.7810	-.9870	-.9190	-.1010
.900		-.2850	-.5530	-.7770	-.7260	-.9760
		-.4000	-.4800	-.6150	-.6190	-.8170
		-.4540	-.4010	-.4220	-.5180	-.4210
		-.4120	-.4270	-1.0380	-.3850	-.3220
		-.3260	-.4010	-.3790	-.2260	-.2570
			-.1300	-.1950	-.1160	-.1670

MACH (2) = .901 BETAT (8) = 6.180

Z/BV	X/CV	.158	.316	.603	.840	.925
.650		.0690	.1340	.0780	-.1270	-.2780
.775		-.3950	-.9120	-1.0950	-.7740	-.3930
.900		-.3280	-.8920	-1.0070	-.7440	-.5970
		-.4580	-.5000	-.9240	-.6780	-.5470
		-.5190	-.5410	-.7030	-.5330	-.4630
		-.4470	-.4410	-.5420	-.4690	-.3950

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2587

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBMND7)

SECT IN (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (8) = 6.180

Z/BV X/CV	.158	.316	.600	.840	.925
.775	-.3860	-.3990	-.4150	-.3910	-.3400
.900		-.1430	-.2620	-.3300	-.2900

MACH (2) = .901 BETAT (9) = 9.220

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.0350	-.0550	-.0400	-.1590	-.4010
.050	-.5380	-1.0280	-1.1040	-.7050	-.5760
.150	-.3860	-1.1270	-1.0690	-.7110	-.5720
.300	-.5180	-.5590	-1.0740	-.6590	-.5290
.520	-.5750	-.5660	-.8990	-.6040	-.5130
.650	-.4730	-.4410	-.7210	-.5190	-.4420
.775	-.4220	-.3880	-.5610	-.4570	-.4130
.900		-.1460	-.4390	-.4290	-.3800

MACH (3) = 1.100 BETAT (1) = -8.210

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2880	.0810	-.0590	.0430	.0560
.050	.3210	.2910	.4540	.4030	.3560
.150	.2540	.3080	.3180	.2690	.1950
.300	.2170	.2110	.2030	.1990	.0710
.520	.1140	.0560	-.0620	-.0510	-.1120
.650	-.3170	-.6050	-.6960	-.6290	-.6720
.775	-.3680	-.3140	-.4790	-.6420	-.6640
.900		-.0670	-.5050	-.5410	-.6350

MACH (3) = 1.099 BETAT (2) = -6.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3610	.2600	.1370	.2340	.1630
.050	.3030	.1900	.3680	.3370	.3030
.150	.2110	.2310	.2460	.2150	.1570
.300	.1320	.1610	.1460	.1570	.0530
.520	.0630	.0160	-.0220	-.0650	-.1040
.650	-.3750	-.6290	-.7170	-.6440	-.6870
.775	-.3790	-.3680	-.5250	-.6800	-.6870
.900		-.0830	-.5650	-.5950	-.6690

MACH (3) = 1.098 BETAT (3) = -4.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3600	.3960	.2660	.3700	.2490
.050	.2230	.0800	.2440	.2280	.2250
.150	.1470	.1230	.1700	.1440	.1030
.300	.0670	.0870	.0830	.1180	.0200
.520	-.0530	-.0430	-.0450	-.0660	-.0930
.650	-.4280	-.6460	-.7290	-.6600	-.7130
.775	-.3920	-.4330	-.5600	-.5700	-.7040

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNWJ7)

SECTION: (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.098	BETAT (3) = -4.080	Z/BV X/CV	.158 .900	.316 -.0990	.600 -.6050	.840 -.6390	.925 -.7050
MACH (3) = 1.101	BETAT (4) = -2.050	Z/BV X/CV	.158 .500	.316 .4780	.600 .3450	.840 .4340	.925 .2980
			.090	-.0190	-.0230	.0680	.0360
			.150	.0490	.1260	.0590	.0380
			.300	.0110	.0190	.0760	-.0130
			.520	-.0810	-.0890	-.0960	-.0940
			.650	-.5120	-.6620	-.7400	-.7540
			.775	-.3680	-.4790	-.5950	-.7000
			.900	-.0920	-.6410	-.6670	-.6930
MACH (3) = 1.099	BETAT (5) = 2.070	Z/BV X/CV	.158 .000	.316 .5040	.600 .4210	.840 .3930	.925 .1600
			.050	-.3790	-.5790	-.6530	-.6920
			.150	.0120	-.0890	-.1260	-.2560
			.300	-.1980	-.1710	-.1810	-.0970
			.520	-.1690	-.2290	-.1720	-.1220
			.650	-.5820	-.7250	-.7690	-.6930
			.775	-.3760	-.5120	-.6570	-.7250
			.900	-.0910	-.6570	-.7110	-.6730
MACH (3) = 1.100	BETAT (6) = 4.140	Z/BV X/CV	.158 .000	.316 .4620	.600 .3690	.840 .3100	.925 .0760
			.050	-.0720	-.4660	-.6730	-.8550
			.150	-.0280	-.2550	-.4490	-.7050
			.300	-.1480	-.2090	-.3290	-.4130
			.520	-.2390	-.3110	-.2550	-.1550
			.650	-.5780	-.7800	-.7080	-.7120
			.775	-.3970	-.5120	-.6880	-.7510
			.900	-.1090	-.5390	-.7420	-.6950
MACH (3) = 1.101	BETAT (7) = 6.200	Z/BV X/CV	.158 .000	.316 .2660	.600 .2920	.840 .2030	.925 -.0410
			.050	-.1450	-.5600	-.7140	-.9330
			.150	-.0760	-.4460	-.5970	-.8320
			.300	-.1960	-.2630	-.5550	-.7130
			.520	-.2640	-.3560	-.4470	-.4060
			.650	-.6240	-.7970	-.7590	-.8150
			.775	-.4030	-.5260	-.7210	-.8290
			.900	-.1020	-.5740	-.6190	-.6440

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2589

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNV07)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (8) = 8.250

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2130	.2410	.2010	.0990	-.1610
.050	-.1530	-.6530	-.7590	-.8420	-.9580
.100	-.1290	-.6570	-.7230	-.7780	-.9170
.150	-.3850	-.3040	-.6970	-.7070	-.9530
.200	-.3440	-.3940	-.6350	-.6820	-.5510
.250	-.6820	-.8070	-.8230	-.6340	-.7450
.300	-.4180	-.5120	-.7780	-.5650	-.5710
.350		-.1700	-.5690	-.5120	-.4690

MACH (4) = 1.249 BETAT (1) = -8.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3320	.1600	.0820	.1610	.1770
.050	.3770	.3580	.4960	.4880	.4580
.100	.2790	.3330	.3910	.3870	.3130
.150	.2340	.2850	.2970	.3100	.2010
.200	.1800	.1550	.1330	.0880	.0320
.250	-.2180	-.4150	-.4820	-.4420	-.4640
.300	-.2670	-.2120	-.3560	-.4590	-.4580
.350		.0130	-.3550	-.3660	-.4310

MACH (4) = 1.248 BETAT (2) = -6.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3070	.3370	.2420	.3490	.2700
.050	.3510	.3030	.4170	.4130	.4040
.100	.2590	.2770	.3290	.3320	.2670
.150	.1950	.2280	.2430	.2700	.1750
.200	.1260	.1150	.1110	.0760	.0390
.250	-.2550	-.4330	-.4940	-.4550	-.4670
.300	-.2780	-.2720	-.3930	-.4720	-.4730
.350		-.0050	-.3940	-.4020	-.4600

MACH (4) = 1.248 BETAT (3) = -4.580

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3550	.4460	.3300	.4520	.3330
.050	.2730	.2290	.2840	.3050	.3180
.100	.2110	.1990	.2380	.2580	.2100
.150	.1380	.1500	.1730	.2170	.1570
.200	.0540	.0560	.0670	.0700	.0400
.250	-.3340	-.4600	-.5120	-.4650	-.4850
.300	-.3000	-.3630	-.4230	-.4820	-.4930
.350		-.0210	-.4340	-.4360	-.4640

MACH (4) = 1.247 BETAT (4) = -2.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4680	.5400	.3950	.4820	.3430
.050	.2550	.1070	.0760	.1370	.1680
.100	.1910	.1420	.1680	.1540	.1210
.150	.1030	.0740	.0630	.1480	.0890

DATE 21 SEP 75

TABULATED PRESSURE DATA - IA9A

(RBNM07)

AMES 11-707 IA9 OCA + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (4) = -2.030

Z/BV	X/CV	.158	.316	.600	.840	.925
.520	.0380	-.0020	.0040	.0340	.0270	.0270
.680	-.3820	-.4760	-.5230	-.4840	-.5050	-.5050
.775	-.3090	-.4280	-.4580	-.5040	-.5570	-.5570
.900		-.0220	-.4710	-.4730	-.5730	-.5730

MACH (4) = 1.247 BETAT (5) = 2.060

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.4520	.9890	.4530	.4590	.2670	.2670
.050	.2000	-.2280	-.3660	-.4410	-.4630	-.4630
.150	.1160	.0120	-.0410	-.1280	-.2920	-.2920
.300	.0100	-.0510	-.0740	-.0410	.0220	.0220
.520	-.0820	-.1270	-.0880	-.0470	.0230	.0230
.650	-.4220	-.5360	-.5610	-.4930	-.4590	-.4590
.775	-.3190	-.4480	-.5110	-.5320	-.5130	-.5130
.900		-.0260	-.5410	-.5110	-.4680	-.4680

MACH (4) = 1.245 BETAT (6) = 4.100

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3530	.5400	.4430	.4010	.2730	.2730
.050	.1630	-.3270	-.5150	-.6010	-.6190	-.6190
.150	.0690	-.0920	-.3060	-.4810	-.4870	-.4870
.300	-.0470	-.1010	-.1720	-.3480	-.2790	-.2790
.520	-.1390	-.1340	-.1390	-.0580	-.0230	-.0230
.650	-.4480	-.5930	-.5670	-.5720	-.4670	-.4670
.775	-.3350	-.4250	-.5290	-.5400	-.4930	-.4930
.900		-.0330	-.5550	-.5220	-.4580	-.4580

MACH (4) = 1.246 BETAT (7) = 6.150

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2560	.4580	.4080	.3340	.1120	.1120
.050	.0380	.3930	-.5250	-.6960	-.7050	-.7050
.150	.0330	-.1720	-.3880	-.5790	-.5990	-.5990
.300	-.0620	-.1230	-.3260	-.4960	-.4060	-.4060
.520	-.1550	-.2150	-.2390	-.2200	-.2320	-.2320
.650	-.4430	-.6020	-.5740	-.5580	-.6100	-.6100
.775	-.3370	-.4210	-.5460	-.5810	-.5820	-.5820
.900		-.0180	-.5810	-.5820	-.5170	-.5170

MACH (4) = 1.247 BETAT (8) = 8.190

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.1570	.3440	.3290	.2710	-.0030	-.0030
.050	-.0360	-.4630	-.5540	-.6790	-.7540	-.7540
.150	-.0210	-.3940	-.5190	-.6320	-.7150	-.7150
.300	-.1180	-.1800	-.4750	-.4960	-.5630	-.5630
.520	-.2730	-.2550	-.4190	-.4350	-.3970	-.3970

AMES 11-707 1A9 CEA + S3 + T9 LEFT VERTICAL

- (REMOVED)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (8) = 8.190

Z/BV	.158	.316	.600	.840	.925
X/CV					
.690	-.5220	-.6260	-.6180	-.6800	-.6670
.775	-.3430	-.4220	-.5980	-.6550	-.6690
.900		-.0020	-.5810	-.4720	-.4620

MACH (5) = 1.395 BETAT (1) = -8.180

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1520	.1480	.1280	.1960	.2300
.050	.3860	.3700	.5330	.5330	.5240
.150	.2740	.3360	.4410	.4550	.3930
.300	.2290	.2970	.3630	.3820	.2820
.520	.2160	.2180	.2270	.1850	.1320
.650	-.1820	-.2930	-.3380	-.2980	-.3040
.775	-.2100	-.1630	-.2310	-.3150	-.3150
.900		.0450	-.2390	-.2340	-.2950

MACH (5) = 1.395 BETAT (2) = -6.120

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2950	.3510	.2860	.3820	.3170
.050	.3790	.3310	.4450	.4470	.4590
.150	.2770	.3000	.3670	.3860	.3360
.300	.2100	.2470	.2950	.3290	.2490
.520	.1630	.1740	.1910	.1680	.1420
.650	-.2190	-.3110	-.3550	-.3100	-.3270
.775	-.2360	-.2430	-.2660	-.3360	-.3410
.900		.0200	-.2790	-.2700	-.3260

MACH (5) = 1.397 BETAT (3) = -4.080

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3360	.5030	.3780	.4930	.3760
.050	.3200	.2690	.3030	.3320	.3620
.150	.2540	.2450	.2710	.3050	.2670
.300	.1730	.1780	.2190	.2670	.2090
.520	.1100	.1220	.1360	.1470	.1310
.650	-.2840	-.3290	-.3660	-.3230	-.3380
.775	-.2670	-.3200	-.2980	-.3480	-.3540
.900		.0030	-.3140	-.3070	-.3560

MACH (5) = 1.396 BETAT (4) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.6890	.6240	.4620	.5090	.3460
.050	.1930	-.0230	-.1030	-.0940	-.0820
.150	.1890	.1230	.1380	.1240	.0960
.300	.1060	.0470	.0530	.1140	.0780
.520	.0180	-.0090	.0130	.0290	.0520
.650	-.3500	-.3790	-.4050	-.3540	-.3640

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2592

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNV07)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (5) = 1.396	BETAT (4) = .020	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.775	-.3040	-.4020	-.3660	-.3830	-.3790
		.900		.0020	-.3830	-.3650	-.3760

MACH (5) = 1.396	BETAT (5) = 4.110	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3210	.5840	.4600	.4440	.2490
		.050	.1780	-.2440	-.4190	-.4590	-.4630
		.150	.0990	-.0990	-.3210	-.3470	-.3570
		.300	.0110	-.0410	-.1030	-.2700	-.2120
		.520	-.0830	-.1220	-.1930	-.1570	-.0640
		.650	-.3420	-.4630	-.4530	-.3890	-.4100
		.775	-.3180	-.3700	-.4280	-.4130	-.3870
		.900		-.0200	-.4430	-.4070	-.3710

MACH (5) = 1.392	BETAT (6) = 8.210	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.0330	.3160	.3590	.2620	.0710
		.050	-.0800	-.3910	-.4370	-.5480	-.6080
		.150	-.0590	-.4380	-.4120	-.5220	-.5680
		.300	-.1090	-.1690	-.3850	-.4100	-.5100
		.520	-.1960	-.1460	-.3550	-.3380	-.3240
		.650	-.4110	-.5050	-.5200	-.5420	-.5360
		.775	-.3130	-.3450	-.4990	-.5560	-.5470
		.900		.0170	-.4870	-.4170	-.4620

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2593

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBMM108) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .030% SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUFLR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.4580	-1.2780	-1.1890	-.9510	-.6490
.050	.2750	.2930	.3620	.3450	.2520
.100	.1820	.1930	.2080	.1700	.1100
.150	.0870	.0400	.0630	.0700	-.0300
.200	-.1530	-.1800	-.1820	-.2130	-.2150
.250	-.4110	-.4210	-.3980	-.2840	-.2800
.300	-.775	-.2880	-.1580	-.1450	-.1570
.350		-.1340	-.1230	-.1190	-.1230

MACH (1) = .598 BETAT (2) = -6.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1000	-.6840	-.7370	-.5750	-.3460
.050	.2180	.2100	.2850	.2890	.2020
.100	.1280	.1350	.1410	.1040	.0730
.150	.0360	.0110	.0090	.0270	-.0490
.200	-.1890	-.2210	-.2250	-.2380	-.2400
.250	-.4220	-.4510	-.4320	-.2920	-.2840
.300	-.775	-.2610	-.1650	-.1390	-.1410
.350		-.1280	-.1120	-.0870	-.0940

MACH (1) = .596 BETAT (3) = -4.040

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1620	-.1220	-.2570	-.1090	-.0250
.050	.1260	.0960	.1730	.1770	.1280
.100	.0580	.0500	.0520	.1040	.0160
.150	-.0280	-.0530	-.0560	-.0220	-.0840
.200	-.2310	-.2630	-.2790	-.2690	-.2600
.250	-.4260	-.4860	-.4800	-.3300	-.2720
.300	-.775	-.2790	-.1820	-.1350	-.1280
.350		-.1180	-.1070	-.0670	-.0620

MACH (1) = .597 BETAT (4) = -2.010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3520	.2470	.1090	.2560	.1620
.050	.0250	-.0540	.0120	.0040	.0070
.100	-.0190	-.0330	-.0490	-.0790	-.0490
.150	-.0890	-.1410	-.1370	-.0900	-.1180
.200	-.2840	-.3100	-.3300	-.3110	-.2940
.250	-.4420	-.5040	-.5260	-.3640	-.3480
.300	-.775	-.2890	-.2010	-.1440	-.1250
.350		-.1070	-.1060	-.0630	-.0440

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBNW08)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) =	.598	BETAT (5) =	.020	Z/BV	.158	.316	.600	.840	.925
X/CV									
.000	.4280	.3860	.3130	.3710	.1910				
.050	-.0560	-.2950	-.3660	-.3380	-.1550				
.100	-.1050	-.1320	-.1630	-.2020	-.1370				
.150	-.1590	-.2130	-.2190	-.1690	-.1740				
.200	-.3240	-.3540	-.3790	-.3450	-.3190				
.250	-.4270	-.5170	-.5640	-.3950	-.3780				
.300	-.2520	-.2970	-.2220	-.1660	-.1270				
.350	-.1150	-.1150	-.1150	-.1050	-.0350				

MACH (1) =	.599	BETAT (6) =	2.050	Z/BV	.158	.316	.600	.840	.925
X/CV									
.000	.2830	.3060	.2400	.2040	-.0290				
.050	-.2330	-.5970	-.6940	-.7630	-.3790				
.100	-.1960	-.2520	-.2930	-.3460	-.2480				
.150	-.2340	-.2950	-.3120	-.2580	-.2420				
.200	-.3770	-.2960	-.4140	-.3770	-.3430				
.250	-.4370	-.5180	-.5870	-.4180	-.4040				
.300	-.2580	-.3120	-.2390	-.2290	-.1490				
.350	-.1220	-.1170	-.0820	-.0430					

MACH (1) =	.596	BETAT (7) =	4.080	Z/BV	.158	.316	.600	.840	.925
X/CV									
.000	.0390	.0390	.0320	-.0580	-.3670				
.050	-.3620	-.7150	-.7280	-.7380	-.7150				
.100	-.2810	-.4260	-.5400	-.5440	-.4650				
.150	-.3180	-.3800	-.4150	-.3620	-.2870				
.200	-.4410	-.4340	-.4390	-.3980	-.3570				
.250	-.4630	-.4910	-.5650	-.4080	-.4080				
.300	-.2960	-.3330	-.2490	-.2520	-.1630				
.350	-.1220	-.1160	-.0860	-.0560					

MACH (1) =	.598	BETAT (8) =	6.110	Z/BV	.158	.316	.600	.840	.925
X/CV									
.000	-.2920	-.3580	-.1990	-.3350	-.7270				
.050	-.4760	-.9380	-.7870	-.7630	-.8710				
.100	-.3920	-.7070	-.7270	-.6990	-.7340				
.150	-.3890	-.4700	-.6170	-.5470	-.4530				
.200	-.5270	-.4640	-.4980	-.4310	-.3610				
.250	-.4790	-.4700	-.4960	-.3610	-.3550				
.300	-.3260	-.3310	-.2730	-.2590	-.2110				
.350	-.1250	-.1380	-.1340	-.1360					

MACH (1) =	.599	BETAT (9) =	8.140	Z/BV	.158	.316	.600	.840	.925
X/CV									
.000	-.7290	-.7670	-.4280	-.6090	-.9270				
.050	-.6150	-.1220	-.8730	-.8150	-.9990				
.100	-.5180	-.10570	-.8340	-.7930	-.1110				
.150	-.4960	-.5780	-.7480	-.7480	-.8670				

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2595

AVES 11-707 1A9 Q2A + S3 + T9 LEFT VERTICAL

(RBMV58)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .999 BETAT (9) = 0.140

Z/BV Y/CV	.158	.316	.630	.840	.925
.520	-.5760	-.4850	-.5960	-.5560	-.3730
.550	-.5230	-.4690	-.4790	-.3940	-.3690
.775	-.3450	-.3220	-.3240	-.3260	-.3070
.900	-.1370	-.2090	-.2250	-.2250	-.2150

MACH (2) = .952 BETAT (1) = -0.180

Z/BV Y/CV	.158	.316	.630	.840	.925
.520	.0930	-.3930	-.6130	-.4360	-.2650
.550	.2500	.2490	.3600	.3020	.2070
.580	.1930	.2290	.2070	.1250	.0340
.600	.1340	.0990	.0530	.0220	-.1080
.620	-.0190	-.1320	-.2640	-.2790	-.3580
.650	-.4390	-.8730	-1.0950	-.9790	-.9350
.775	-.3350	-.3240	-.2520	-.4300	-.3640
.900	-.1500	-.2890	-.3700	-.3700	-.2810

MACH (2) = .951 BETAT (2) = -6.130

Z/BV Y/CV	.158	.316	.630	.840	.925
.500	.1950	.1320	-.3380	-.2020	-.1500
.550	.1610	.1540	.2940	.2430	.1570
.580	.1110	.1540	.1480	.0790	.0000
.600	.1670	.0440	.0100	.0210	-.1310
.620	-.0710	-.1690	-.2830	-.2350	-.3680
.650	-.4650	-.9050	-1.1220	-1.0810	-.9650
.775	-.3240	-.4010	-.3340	-.4610	-.4070
.900	-.1570	-.2650	-.3210	-.2460	-.2460

MACH (2) = .899 BETAT (3) = -4.090

Z/BV Y/CV	.158	.316	.630	.840	.925
.500	.2700	.1220	-.0720	.0930	.0040
.550	.0570	.0320	.2040	.1570	.0910
.580	.0210	.0610	.1720	.0440	-.0550
.600	-.0180	-.0210	-.0310	-.0580	-.1740
.620	-.1400	-.2700	-.2920	-.3060	-.3540
.650	-.4700	-.9210	-1.1540	-1.0520	-.7950
.775	-.3250	-.4220	-.4820	-.4650	-.3790
.900	-.1550	-.2010	-.3060	-.3060	-.1890

MACH (2) = .900 BETAT (4) = -2.000

Z/BV Y/CV	.158	.316	.630	.840	.925
.500	.2990	.2780	.1700	.2740	.1440
.550	-.0320	-.0910	.0450	.0050	-.0320
.580	-.0750	-.0210	.0020	.0940	-.1250
.600	-.0990	-.0940	-.1120	-.1070	-.1690
.620	-.1660	-.2350	-.3060	-.3110	-.3230

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2396

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL (RBMVJ8)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (4) = -2.030

Z/8V X/CV	.158	.316	.600	.840	.925
.650	-.4970	-.9380	-1.1700	-1.0540	-.7980
.775	-.2820	-.4450	-.5190	-.5120	-.3420
.900		-.1410	-.1960	-.3940	-.1770

MACH (2) = .902 BETAT (5) = 2.070

Z/8V X/CV	.158	.316	.600	.840	.925
.000	.2680	.3330	.2650	.2280	-.0420
.050	-.2100	-.6960	-.7760	-.8770	-.8770
.100	-.2550	-.3440	-.3610	-.4380	-.5290
.150	-.3350	-.2890	-.2860	-.3410	-.3010
.200	-.3220	-.3390	-.3500	-.3550	-.3480
.250	-.4260	-.6160	-1.1730	-.3270	-.3410
.300	-.2890	-.4300	-.4510	-.2150	-.1500
.350		-.1370	-.1750	-.1520	-.0880

MACH (2) = .903 BETAT (6) = 4.120

Z/8V X/CV	.158	.316	.600	.840	.925
.000	.1360	.2470	.1290	.0510	-.2290
.050	-.2320	-.8280	-.9840	-.8830	-1.0480
.100	-.2980	-.5140	-.7980	-.6530	-1.0380
.150	-.4060	-.4670	-.6020	-.6190	-.8680
.200	-.4530	-.3710	-.3840	-.5490	-.3540
.250	-.4340	-.4280	-1.0670	-.3970	-.3030
.300	-.3410	-.3880	-.3620	-.2290	-.1670
.350		-.1370	-.1690	-.1220	-.0690

MACH (2) = .904 BETAT (7) = 6.180

Z/8V X/CV	.158	.316	.600	.840	.925
.000	.0820	.0680	.0070	-.0910	-.3290
.050	-.3850	-.9320	-1.1090	-.7530	-.5570
.100	-.3420	-.8730	-1.0150	-.7290	-.5550
.150	-.4710	-.5250	-.9540	-.6690	-.5270
.200	-.5340	-.5070	-.6910	-.5290	-.4780
.250	-.4470	-.4270	-.5350	-.4730	-.3920
.300	-.3870	-.3840	-.3570	-.4050	-.3440
.350		-.1420	-.2070	-.3480	-.2930

MACH (2) = .901 BETAT (8) = 8.230

Z/8V X/CV	.158	.316	.600	.840	.925
.000	-.0420	-.1070	-.1130	-.2350	-.4800
.050	-.5390	-1.0590	-1.1010	-.6690	-.5290
.100	-.4090	-1.1680	-1.0780	-.6560	-.5480
.150	-.5400	-.5750	-1.0620	-.6210	-.5270
.200	-.5870	-.5240	-.8640	-.5610	-.5100
.250	-.4650	-.4090	-.6520	-.4940	-.4470

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A

(RBMV18)

AVES 11-757 IA9 OCA + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (8) = 8.220
Z/BV .158 .316 .600 .840 .925
X/CV
.775 -.4240 -.5310 -.6620 -.4100
.900 -.1510 -.4120 -.4320 -.3770

MACH (3) = 1.099 BETAT (1) = -8.220
Z/BV .159 .316 .600 .840 .925
X/CV
.000 .2010 .0490 -.1100 -.0290 -.0040
.050 .2460 .2350 .4160 .3690 .3250
.150 .1840 .2680 .2870 .2400 .1650
.300 .1620 .1770 .1740 .1740 .0410
.520 .0840 .0280 -.0260 -.0770 -.1370
.650 -.3530 -.6120 -.7050 -.6400 -.6850
.775 -.3760 -.3380 -.4910 -.6540 -.6750
.900 -.0560 -.5040 -.5520 -.6450

MACH (3) = 1.100 BETAT (2) = -6.150
Z/BV .158 .316 .600 .840 .925
X/CV
.000 .3310 .2160 .0740 .1710 .1220
.050 .2450 .1370 .3380 .3020 .2780
.150 .1590 .1820 .2220 .1890 .1330
.300 .1000 .1310 .1230 .1320 .0150
.520 .0950 .0160 -.0440 -.0940 -.1300
.650 -.3950 -.6330 -.7210 -.6510 -.6320
.775 -.3280 -.3690 -.5270 -.6710 -.6970
.900 -.0720 -.5630 -.5930 -.6710

MACH (3) = 1.100 BETAT (3) = -4.090
Z/BV .158 .316 .600 .840 .925
X/CV
.000 .2910 .3500 .2160 .3140 .1900
.050 .1470 .0340 .2030 .1950 .1930
.150 .0860 .0770 .1460 .1170 .0720
.300 .0140 .0240 .0570 .0830 .0040
.520 -.0610 .0710 .0160 .0920 .0150
.650 -.3810 .0530 .0760 .0540 .0740
.775 -.3500 .0320 .0070 .0220 .0130
.900 .0090 .0070 .0120 .0410 .0110

MACH (3) = 1.099 BETAT (4) = -2.030
Z/BV .158 .316 .600 .840 .925
X/CV
.000 .4100 .4390 .2920 .3780 .2370
.050 .1560 .0580 .0530 .0440 .0590
.150 .0620 .0080 .0690 .0280 .0630
.300 .0360 .0490 .0160 .0430 .0460
.520 .0980 .0160 .0160 .0120 .0190
.650 .0450 .0650 .0740 .0620 .0790
.775 .0340 .0540 .0560 .0500 .0720

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2599

ANCS 11-707 IAG 02A + S3 + T9 LEFT VERTICAL

(RBWJDS)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.246	BETAT (1) = -8.160	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.2730	.1380	.0480	.1180	.1350
		.050	.3240	.3030	.4560	.4470	.4250
		.150	.2320	.2810	.3550	.3570	.2820
		.300	.1820	.2440	.2630	.2800	.1790
		.520	.1550	.1350	.1080	.0610	.0100
		.650	-.2770	-.4230	-.4910	-.4540	-.4760
		.775	-.2770	-.2440	-.3690	-.4680	-.4630
		.900		.0200	-.3690	-.3760	-.4340

MACH (4) = 1.250 BETAT (2) = -6.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3070	.3040	.2070	.3050	.2240
.050	.2710	.2540	.3730	.3740	.3700
.150	.2040	.2340	.2950	.2980	.2370
.300	.1450	.1860	.2080	.2410	.1510
.520	.0900	.0870	.0850	.0510	.0150
.650	-.2890	-.4420	-.5050	-.4650	-.4870
.775	-.2880	-.2980	-.4500	-.4780	-.4790
.900		.0000	-.4790	-.4100	-.4610

MACH (4) = 1.249 BETAT (3) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3040	.4250	.2960	.4180	.2940
.050	.1830	.1830	.2360	.2620	.2770
.150	.1490	.1650	.1960	.2240	.1740
.300	.0910	.1090	.1350	.1790	.1380
.520	.0040	.0200	.0390	.0560	.0410
.650	-.3010	-.4710	-.5200	-.4770	-.4850
.775	-.3020	-.3710	-.4350	-.4950	-.4870
.900		-.0230	-.4470	-.4380	-.4870

MACH (4) = 1.248 BETAT (4) = -2.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3800	.5100	.3930	.7410	.2940
.050	.2120	.0620	.0270	.0910	.1220
.150	.1470	.1030	.1190	.1360	.1360
.300	.0600	.0360	.0500	.1270	.0580
.520	-.0270	-.0350	-.0250	.0000	-.0050
.650	-.4280	-.4930	-.5340	-.4910	-.5120
.775	-.3180	-.4630	-.4730	-.5150	-.5110
.900		-.0300	-.4890	-.4820	-.5020

MACH (4) = 1.246 BETAT (5) = 2.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3820	.5450	.4050	.4020	.2110
.050	.1690	-.2970	-.3960	-.4650	-.4860
.150	.0890	-.0190	-.0830	-.1880	-.3660
.300	-.0200	-.0810	-.1050	-.0640	-.0080

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

PAGE 2601

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBW09) (27 APR 75)

REFERENCE DATA

SEEF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUFLR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (1) = -8.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.4370	-1.3200	-1.2310	-1.0060	-.7130
.050	.2510	.2660	.3450	.3310	.2310
.150	.1710	.1930	.2050	.1640	.1000
.300	.0790	.0360	.0670	.0700	-.0370
.520	-.1490	-.1180	-.1720	-.2000	-.2110
.650	-.4070	-.4160	-.3810	-.2670	-.2730
.775	-.2840	-.2420	-.1430	-.1380	-.1470
.900		-.1330	-.1120	-.1120	-.1150

MACH (1) = .597 BETAT (2) = -6.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.0610	-.6810	-.7540	-.5760	-.3830
.050	.1890	.1830	.2800	.2720	.1980
.150	.1130	.1140	.1310	.1010	.0630
.300	.0250	-.0240	.0090	.0280	-.0610
.520	-.1960	-.2200	-.2250	-.2270	-.2330
.650	-.4240	-.4510	-.4290	-.2850	-.2900
.775	-.2840	-.2590	-.1590	-.1330	-.1340
.900		-.1310	-.1090	-.0810	-.0910

MACH (1) = .598 BETAT (3) = -4.030

Z/BV X/CV	.158	.6	.600	.840	.925
.000	.1290	-.1530	-.2720	-.1520	-.0620
.050	.0960	.0660	.1630	.1690	.1230
.150	.0370	.0410	.0440	.0160	.0100
.300	-.0410	-.0680	-.0630	-.0280	-.0940
.520	-.2370	-.2700	-.2860	-.2680	-.2610
.650	-.4350	-.4660	-.4740	-.3110	-.2750
.775	-.2800	-.2810	-.1830	-.1390	-.1280
.900		-.1230	-.1040	-.0690	-.0620

MACH (1) = .598 BETAT (4) = -2.010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2880	.2160	.1000	.2200	.1490
.050	.0030	-.0730	-.0130	.0030	-.0040
.150	-.0390	-.0490	-.0570	-.0830	-.0610
.300	-.1080	-.1550	-.1380	-.0920	-.1270
.520	-.2870	-.3130	-.3290	-.3140	-.2950
.650	-.4410	-.5090	-.5190	-.3610	-.3370
.775	-.2660	-.2970	-.2010	-.1530	-.1220
.900		-.1140	-.1160	-.0630	-.0410

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2602

AMES 11-707 1A9 O2A + S3 + T9 LEFT VERTICAL

(RBWNO9)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .596	BETAT (5) = .020	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3990	.3710	.2870	.3410	.1580
		.050	-.0720	-.3040	-.3600	-.3420	-.1530
		.150	-.1180	-.1390	-.1640	-.2020	-.1360
		.300	-.1720	-.2190	-.2210	-.1700	-.1700
		.520	-.3290	-.3510	-.3700	-.3390	-.3140
		.650	-.4280	-.5210	-.5530	-.3920	-.3650
		.775	-.2600	-.3010	-.2160	-.1630	-.1240
		.900		-.1180	-.1150	-.0600	-.0240

MACH (1) = .598 BETAT (6) = 2.050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2150	.2850	.2160	.1760	-.0700
.050	-.2220	.5950	-.6720	-.7240	-.3850
.150	-.2040	-.2480	-.2970	-.3330	-.2470
.300	-.2460	-.2950	-.3070	-.2510	-.2330
.520	-.3760	-.3920	-.4020	-.3630	-.3270
.650	-.4240	-.5050	-.5740	-.4000	-.3990
.775	-.2580	-.3080	-.2300	-.2090	-.1350
.900		-.1170	-.1130	-.0710	-.0330

MACH (1) = .597 BETAT (7) = 4.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.0100	.0110	-.0060	-.0940	-.4020
.050	-.3180	-.7070	-.7170	-.7030	-.6980
.150	-.2940	-.4190	-.5420	-.5450	-.4520
.300	-.3180	-.3740	-.4100	-.3520	-.2920
.520	-.4310	-.4230	-.4300	-.3760	-.3430
.650	-.4540	-.4780	-.5590	-.3850	-.3780
.775	-.2930	-.3370	-.2490	-.2360	-.1480
.900		-.1190	-.1150	-.0790	-.0510

MACH (1) = .597 BETAT (8) = 6.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2410	-.3700	-.2960	-.3690	-.7550
.050	-.4690	-.9440	-.7760	-.7370	-.8430
.150	-.3850	-.6740	-.7140	-.6000	-.7530
.300	-.4020	-.4530	-.6350	-.5350	-.4670
.520	-.4900	-.4600	-.4950	-.4380	-.3270
.650	-.4580	-.4750	-.4960	-.3470	-.3240
.775	-.3170	-.3300	-.2640	-.2490	-.2020
.900		-.1260	-.1380	-.1270	-.1390

MACH (1) = .597 BETAT (9) = 8.150

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.6100	-.8050	-.4700	-.6540	-.9380
.050	-.5650	-.1240	-.8730	-.8520	-.9730
.150	-.5090	-.1010	-.8370	-.8360	-.10560
.300	-.4820	-.5620	-.6150	-.8460	-.7720

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(REMARKS)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (9) = 8.150

Z/BV X/CV	.158	.316	.600	.840	.925
.520	-.5680	-.4730	-.5990	-.5880	-.4060
.650	-.5070	-.4620	-.4820	-.3760	-.3910
.775	-.3520	-.3230	-.3110	-.3280	-.3040
.900		-.1410	-.1980	-.2180	-.2220

MACH (2) = .899 BETAT (1) = -8.170

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1070	-.4060	-.6920	-.5290	-.3370
.050	.2240	.2170	.3370	.7190	.1930
.150	.1740	.2080	.1900	.1190	.2270
.300	.1170	.0910	.0460	.0130	-.1260
.520	-.0280	-.1330	-.2740	-.2890	-.3790
.650	-.4380	-.8700	-1.0820	-.9120	-.8680
.775	-.3300	-.3730	-.2070	-.3790	-.3090
.900		-.1540	-.2940	-.3540	-.2640

MACH (2) = .907 BETAT (2) = -6.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1840	-.1660	-.3010	-.2510	-.1920
.050	.1220	.1210	.2850	.2240	.1620
.150	.0860	.1360	.1410	.0570	-.0060
.300	.0480	.0340	.0100	-.0300	-.1320
.520	-.0840	-.1690	-.3000	-.3040	-.3560
.650	-.4670	-.8710	-1.1290	-.9730	-.7920
.775	-.3190	-.2890	-.3220	-.4000	-.3830
.900		-.1380	-.2530	-.1990	-.2290

MACH (2) = .901 BETAT (3) = -4.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1670	.0810	-.0980	.0490	-.0360
.050	.0230	.0110	.1990	.1450	.0820
.150	.0040	.0590	.0710	-.0070	-.0770
.300	-.0260	-.0320	-.0410	-.0810	-.1740
.520	-.1470	-.2010	-.2970	-.3120	-.3540
.650	-.4550	-.8570	-1.1580	-.9750	-.5630
.775	-.3130	-.4120	-.3860	-.3920	-.3090
.900		-.1440	-.1930	-.2090	-.1240

MACH (2) = .899 BETAT (4) = -2.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2300	.2430	.1350	.2390	.0910
.050	-.0620	-.1180	.0420	.0030	-.0380
.150	-.1010	-.0290	-.0150	-.0990	-.1390
.300	-.1110	-.0970	-.1010	-.1240	-.1870
.520	-.1970	-.2390	-.3050	-.3260	-.3420

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2804

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(REMARKS)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .99 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV					
.650	-.4740	-.9040	-1.1650	-1.0410	-.7510
.775	-.3010	-.5150	-.4860	-.3110	-.3110
.900		-.1490	-.1910	-.3400	-.1430

MACH (2) = .903 BETAT (5) = 2.070

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1980	.3110	.2300	.1830	-.0990
.050	-.1920	-.7170	-.6920	-.7500	-.7940
.150	-.2700	-.3550	-.3680	-.4630	-.5350
.300	-.3490	-.2690	-.2980	-.3450	-.3070
.520	-.3270	-.3510	-.3580	-.3750	-.3590
.650	-.4430	-.6100	-1.1840	-.3280	-.2680
.775	-.2950	-.4340	-.4570	-.2160	-.1530
.900		-.1340	-.1820	-.1440	-.0930

MACH (2) = .901 BETAT (6) = 4.130

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1240	.2050	.1080	.0170	-.2710
.050	-.2290	-.8500	-.9270	-.7350	-1.0840
.150	-.3020	-.4770	-.8450	-.6520	-1.0330
.300	-.4130	-.4790	-.8430	-.6190	-.8080
.520	-.4390	-.3000	-.3360	-.4370	-.3300
.650	-.3920	-.4640	-1.1550	-.3270	-.2740
.775	-.3280	-.3830	-.3600	-.2410	-.1500
.900		-.1380	-.1290	-.1520	-.0750

MACH (2) = .910 BETAT (7) = 6.180

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.0590	.0900	-.0480	-.1530	-.3810
.050	-.3630	-.9500	-1.1090	-.7480	-.5590
.150	-.3550	-.8220	-1.0100	-.7350	-.5460
.300	-.4770	-.5410	-.9800	-.6460	-.4970
.520	-.5290	-.4910	-.7060	-.5100	-.4820
.650	-.4430	-.4320	-.5310	-.4810	-.4070
.775	-.3810	-.3830	-.2840	-.4190	-.3550
.900		-.1410	-.1600	-.3600	-.3000

MACH (2) = .900 BETAT (8) = 8.240

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	-.0150	-.1200	-.1650	-.2770	-.4900
.050	-.5120	-1.0740	-1.1180	-.6230	-.5300
.150	-.4180	-1.1640	-1.1010	-.6080	-.5330
.300	-.5530	-.5950	-1.0840	-.5590	-.5170
.520	-.5880	-.4970	-.8430	-.5520	-.5090
.650	-.4550	-.4090	-.6000	-.4990	-.4460

DATE 21 SEP 73

TABULAR. PRESSURE DATA - IA9A

PAGE 2655

ANES 11-707 IA9 O2A + S3 + T9 LEFT VERTICAL

(RBMV09)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (6) = 8.240

Z/BV	.158	.316	.600	.840	.925
X/CV	.775	-.4150	-.3760	-.4820	-.4010
	.900	-.1440	-.3710	-.4380	-.3700

MACH (3) = 1.103 BETAT (1) = -8.190

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2690	.0420	-.1210	-.0990
	.050	.1810	.1670	.3860	.3410
	.150	.1250	.2170	.2650	.2310
	.300	.1010	.1490	.1520	.1630
	.520	.0530	.0080	-.0410	-.0830
	.650	-.3830	-.6190	-.6960	-.6310
	.775	-.3880	-.3630	-.4730	-.6310
	.900	-.0590	-.4910	-.5310	-.6220

MACH (3) = 1.100 BETAT (2) = -6.140

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3260	.1930	.0420	.1360
	.050	.1690	.0790	.2970	.2680
	.150	.0980	.1240	.1850	.1650
	.300	.0350	.0890	.0920	.1060
	.520	-.0080	-.0440	-.0630	-.1110
	.650	-.4310	-.6450	-.7270	-.6550
	.775	-.3940	-.4170	-.5420	-.6760
	.900	-.0750	-.5700	-.5990	-.6830

MACH (3) = 1.103 BETAT (3) = -4.080

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2590	.3250	.1690	.2780
	.050	.1010	.0060	.1580	.1680
	.150	.0470	.0470	.1230	.0990
	.300	-.0230	.0120	.0260	.0620
	.520	-.0910	-.1020	-.0870	-.1110
	.650	-.4460	-.6670	-.7380	-.6690
	.775	-.4010	-.4560	-.5690	-.6840
	.900	-.0930	-.6150	-.6420	-.7190

MACH (3) = 1.103 BETAT (4) = -2.090

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3720	.4000	.2510	.3370
	.050	.0940	-.1030	-.0810	.0050
	.150	.0170	-.0270	.0630	.0070
	.300	-.0730	-.0750	-.0460	.0150
	.520	-.1310	-.1420	-.1380	-.1430
	.650	-.5980	-.6830	-.7520	-.6870
	.775	-.3840	-.5210	-.6130	-.7120
					-.7270

AMES 11-707 IAS OCA + S3 + T9 LEFT VERTICAL

(RBW409)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (1) = -8.150

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3090	.1470	.0240	.0780	.0970
.050	.2180	.2460	.4150	.4120	.3950
.100	.1600	.2300	.3250	.3280	.2530
.150	.1170	.1940	.2340	.2550	.1520
.200	.0940	.1050	.0370	.0450	-.0120
.250	.3030	-.4320	-.4920	-.4590	-.4750
.300	.775	-.2890	-.3740	-.4720	-.4630
.350		.0220	-.3780	-.3780	-.4370

MACH (4) = 1.248 BETAT (2) = -6.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2690	.2780	.1710	.2640	.1970
.050	.1990	.2110	.3320	.3340	.3380
.100	.1510	.1870	.2570	.2680	.2170
.150	.0980	.1450	.1770	.2100	.1440
.200	.0320	.0560	.0680	.0460	.0050
.250	-.3190	-.4540	-.5100	-.4710	-.4840
.300	-.2950	-.3150	-.4100	-.4780	-.4850
.350		.0020	-.4210	-.4090	-.4740

MACH (4) = 1.249 BETAT (3) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3060	.3860	.2510	.3650	.2510
.050	.1450	.1370	.1960	.2220	.2450
.100	.1080	.1240	.1630	.1910	.1470
.150	.0490	.0750	.1070	.1490	.1080
.200	-.0210	-.0020	.0140	.0230	.0180
.250	-.3520	-.4780	-.5260	-.4840	-.4250
.300	-.3100	-.3950	-.4440	-.4940	-.4890
.350		-.0220	-.4620	-.4430	-.4990

MACH (4) = 1.248 BETAT (4) = -2.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4030	.4680	.3030	.3990	.2480
.050	.1560	.0270	-.0030	.0630	.0940
.100	.1090	.0710	.1030	.0940	.0590
.150	.0250	.0050	.0210	.0940	.0550
.200	-.0440	-.0560	-.0470	-.0230	-.0100
.250	-.4620	-.4960	-.5440	-.4930	-.5140
.300	-.3190	-.4820	-.4840	-.5170	-.5150
.350		-.0330	-.4990	-.4770	-.5190

MACH (4) = 1.249 BETAT (5) = 2.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3990	.9020	.3460	.3530	.1640
.050	.1450	-.2540	-.4010	-.4760	-.4980
.100	.0660	-.0440	-.1150	-.2280	-.3650
.150	-.0350	-.1050	-.1310	-.0770	-.1280

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RSMWDS)

AWES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE C/P

MACH (4) = 1.249	BETAT (5) = 2.070	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	-.1310	-.1860	-.1440	-.1040	-.0460
		.050	-.4970	-.5730	-.5780	-.5180	-.5100
		.150	-.3210	-.4470	-.5320	-.5370	-.5240
		.300		-.0360	-.5640	-.5190	-.5790
		.520					
		.650					
		.775					
		.900					
MACH (4) = 1.249	BETAT (6) = 4.110	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3600	.4500	.3510	.730	.1130
		.050	.1520	-.3390	-.5210	-.6160	-.6320
		.150	.0510	-.0860	-.3180	-.4990	-.5040
		.300	-.0780	-.1470	-.2180	-.2530	-.2930
		.520	-.1850	-.2410	-.1680	-.1150	-.0490
		.650	-.4620	-.6100	-.5980	-.5190	-.5030
		.775	-.3430	-.4380	-.5450	-.5570	-.5770
		.900		-.0350	-.5800	-.5310	-.5070
MACH (4) = 1.249	BETAT (7) = 6.170	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.2630	.3770	.3160	.2410	.0270
		.050	.1480	-.3940	-.5090	-.6800	-.7220
		.150	.0450	-.1380	-.4360	-.6090	-.6210
		.300	-.0710	-.1690	-.3720	-.4790	-.4440
		.520	-.1890	-.2350	-.2580	-.2600	-.2210
		.650	-.5310	-.5910	-.5900	-.6010	-.5850
		.775	-.3430	-.4320	-.5640	-.6180	-.5760
		.900		-.0260	-.6510	-.5890	-.5610
MACH (4) = 1.246	BETAT (8) = 8.210	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3310	.2730	.2210	.1270	-.0790
		.050	.0380	-.4870	-.5710	-.6510	-.7290
		.150	-.0340	-.2170	-.5470	-.6050	-.7030
		.300	-.1510	-.2440	-.5200	-.5360	-.6060
		.520	-.2700	-.2920	-.4250	-.5180	-.3810
		.650	-.5490	-.6180	-.6180	-.6780	-.6950
		.775	-.3850	-.4520	-.6040	-.6590	-.6390
		.900		-.0170	-.6360	-.5060	-.4740

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

RES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(REMOVED) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 6.000 ORBINC = .500
 RUDEY = .000 ELEVON = .500
 RUFLR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (1) = -8.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2330	-.0140	-.2140	-.3520	-.2410
.050	-.3750	-.1990	-.2120	-.2250	-.4230
.100	-.1430	-.2580	-.2650	-.0590	-.3410
.150	-.1090	-.1350	-.1450	.1100	-.1290
.200	.3160	-.1090	-.1140	-.0800	-.1070
.250	.650	.2150	-.2910	-.1970	-.7580
.300	.775	.0660	-.1870	-.7590	.1200
.350		-.0460	-.2030	.5040	.1590

MACH (1) = .598 BETAT (2) = -6.050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.0580	-.5770	-.7790	-.6340	-.4430
.050	.1710	.1630	.2670	.2610	.1860
.100	.1000	.1080	.1320	.0990	.0550
.150	.0120	.0280	.0050	.0220	-.0620
.200	-.1960	-.2220	-.2200	-.2300	-.2310
.250	.4250	-.4400	-.4130	-.2730	-.2820
.300	.775	-.2870	-.2600	-.1530	-.1350
.350		-.1270	-.1030	-.0790	-.0840

MACH (1) = .597 BETAT (3) = -4.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1250	-.1540	-.3090	-.1810	-.1070
.050	.0600	.0920	.1610	.1540	.1130
.100	.0190	.0360	.0430	.0160	.0010
.150	-.0590	-.0760	-.0610	-.0590	-.0960
.200	-.2480	-.2710	-.2780	-.2660	-.2540
.250	.4330	-.4800	-.4650	-.3040	-.2780
.300	.775	-.2830	-.2860	-.1770	-.1240
.350		-.1260	-.1110	-.0690	-.0640

MACH (1) = .597 BETAT (4) = -2.000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2420	.1970	.0600	.1870	.1150
.050	-.0210	-.0880	-.0080	.0090	-.0100
.100	-.0570	-.0310	-.0590	-.0790	-.0660
.150	-.1220	-.1330	-.1380	-.0940	-.1300
.200	-.2820	-.3100	-.3310	-.2930	-.2850
.250	.4270	-.5110	-.5090	-.3450	-.3170
.300	.775	-.2690	-.2980	-.1960	-.1500
.350		-.1160	-.1120	-.0640	-.0410

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2611

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNW10)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .592 BETAT (9) = 8.170

Z/BV X/CV	.158	.316	.600	.840	.925
.520	.5410	-.4680	-.5850	-.5770	-.4630
.650	-.5150	-.4790	-.4840	-.3480	-.4080
.775	-.3320	-.3330	-.2960	-.2910	-.3050
.900		-.1430	-.1850	-.1950	-.2390

MACH (2) = .902 BETAT (1) = -8.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1120	-.4240	-.7490	-.6080	-.3840
.050	.1740	.1810	.3200	.2610	.1740
.150	.1410	.1950	.1780	.1070	.0110
.300	.0960	.0760	.0280	.0060	-.1250
.520	-.0450	-.1420	-.2870	-.3000	-.3730
.650	-.4430	-.8670	-1.0740	-.6930	-.6450
.775	-.3330	-.3710	-.1920	-.3650	-.2750
.900		-.1440	-.2810	-.3180	-.2610

MACH (2) = .900 BETAT (2) = -6.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1530	-.1890	-.4770	-.3300	-.2660
.050	.1030	.0960	.2650	.2190	.1370
.150	.0720	.1240	.1190	.0540	-.0350
.300	.0400	.0220	-.0110	-.0430	-.1650
.520	-.0870	-.1760	-.3080	-.3260	-.3680
.650	-.4630	-.8930	-1.1240	-.8210	-.6620
.775	-.3210	-.3930	-.2490	-.3460	-.2680
.900		-.1510	-.2360	-.1780	-.1550

MACH (2) = .903 BETAT (3) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1450	.0440	-.1490	-.0180	-.0950
.050	-.0160	-.0140	.1950	.1210	.0590
.150	-.0290	.0470	.0570	.0280	-.0980
.300	-.0410	-.0490	.0580	.0880	-.1950
.520	-.1610	-.2140	-.3130	-.3560	-.3730
.650	-.4740	-.8740	-1.1560	-.9570	-.5250
.775	-.3260	-.4120	-.3600	-.4010	-.3050
.900		-.1490	-.2030	-.2180	-.1310

MACH (2) = .902 BETAT (4) = -2.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2050	.2180	.1060	.2010	.0550
.050	-.0910	-.1120	.0350	-.0130	-.0490
.150	-.1050	-.0310	-.0250	-.1100	-.1520
.300	-.1150	-.1070	-.1210	-.1430	-.1950
.520	-.2100	-.2460	-.3200	-.3330	-.3550

(REMOVED)

AMES 11-707 1A9 OEA + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (4) = -2.030

Z/BV X/CV	.158	.316	.600	.840	.925
.650	-.4690	-.8170	-1.1790	-.9710	-.6020
.775	-.3080	-.4310	-.4600	-.4400	-.3120
.900		-.1400	-.1750	-.2820	-.1380

MACH (2) = .902 BETAT (5) = 2.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1790	.3010	.2030	.1420	-.1320
.050	-.1890	-.6890	-.6970	-.7500	-.7480
.150	-.2540	-.2660	-.3460	-.4570	-.4560
.300	-.2780	-.2600	-.3700	-.3390	-.2970
.520	-.3210	-.3750	-.3750	-.3760	-.3680
.650	-.4610	-.5920	-1.1930	-.2990	-.2690
.775	-.2880	-.4280	-.4400	-.2050	-.1190
.900		-.1270	-.1560	-.1270	-.0500

MACH (2) = .902 BETAT (6) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1130	.1660	.0550	-.0320	-.3220
.050	-.2340	-.8670	-.7430	-.9130	-1.0950
.150	-.3070	-.4580	-.6890	-.7180	-.5820
.300	-.4080	-.4260	-.6040	-.6280	-.8030
.520	-.3840	-.3690	-.4570	-.4870	-.2990
.650	-.4030	-.5180	-1.0340	-.3030	-.2250
.775	-.3230	-.4740	-.3330	-.1820	-.1070
.900		-.1350	-.1640	-.0940	-.0460

MACH (2) = .902 BETAT (7) = 6.200

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.0390	.0110	-.0990	-.2040	-.4010
.050	-.3420	-.9800	-1.0740	-.7280	-.5770
.150	-.3640	-.7370	-.9530	-.7300	-.5570
.300	-.4830	-.5390	-.9760	-.6210	-.4960
.520	-.5200	-.4380	-.6730	-.5190	-.4560
.650	-.4360	-.4310	-.5650	-.4690	-.3800
.775	-.3760	-.3890	-.2330	-.4050	-.3310
.900		-.1420	-.1420	-.3430	-.2850

MACH (2) = .900 BETAT (8) = 8.260

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.0090	-.1450	-.2190	-.3470	-.5220
.050	-.5220	-1.0760	-1.1460	-.6380	-.5410
.150	-.4200	-1.0890	-1.1410	-.6190	-.5360
.300	-.5500	-.6190	-1.1390	-.5670	-.5190
.520	-.5840	-.4910	-.8390	-.5430	-.5140
.650	-.4560	-.4380	-.5280	-.5050	-.4430

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(REMARKS)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (8) = 8.260

Z/SV	.158	.316	.600	.840	.925
X/CV	.775	-.4210	-.3920	-.3870	-.4060
	.900	-.1490	-.2900	-.4400	-.3680

MACH (3) = 1.103 BETAT (1) = -0.180

Z/SV	.158	.316	.600	.840	.925
X/CV	.000	.3000	.0050	-.1460	-.1180
	.050	.1370	.0870	.3560	.3380
	.150	.0670	.1450	.2430	.2260
	.300	.0320	.1020	.1600	.1610
	.520	.0150	-.0080	-.0360	-.0930
	.650	-.4830	-.6220	-.6950	-.6340
	.775	-.3870	-.3190	-.4560	-.6300
	.900	-.0540	-.4190	-.5190	-.6160

MACH (3) = 1.103 BETAT (2) = -6.130

Z/SV	.158	.316	.600	.840	.925
X/CV	.000	.2710	.1660	.0080	.0350
	.050	.1020	.1720	.2820	.2320
	.150	.0450	.0800	.1640	.1340
	.300	-.0130	.0360	.0600	.0890
	.520	-.0900	-.0690	-.0890	-.1120
	.650	-.9030	-.6520	-.7340	-.6470
	.775	-.4060	-.4410	-.5520	-.6670
	.900	-.0790	-.5510	-.5690	-.6640

MACH (3) = 1.102 BETAT (3) = -4.080

Z/SV	.158	.316	.600	.840	.925
X/CV	.000	.2530	.2890	.1400	.2390
	.050	.0490	-.0230	.1360	.2270
	.150	.0070	.0120	.0940	.0700
	.300	-.0720	-.0450	.0070	.0350
	.520	-.1200	-.1230	-.1100	-.1360
	.650	-.5470	-.6710	-.7470	-.6780
	.775	-.4130	-.4910	-.5850	-.6960
	.900	-.0920	-.6230	-.6320	-.7320

MACH (3) = 1.102 BETAT (4) = -2.000

Z/SV	.158	.316	.600	.840	.925
X/CV	.000	.3570	.3800	.2120	.2980
	.050	.0240	-.1240	-.1060	-.0490
	.150	-.0130	.0440	.0360	.0150
	.300	-.1020	-.1140	.0710	.0140
	.520	-.1570	-.1600	-.1620	-.1650
	.650	-.6270	-.6900	-.7600	-.6940
	.775	-.3840	-.5510	-.6250	-.7180
	.900	-.0000	-.0000	-.0000	-.0000

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A
AMES 11-707 IA9 02A + S3 + T9 LEFT VERTICAL

(REMOVED)

SECTION (3) LEFT VERTICAL
DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (4) = -2.020
Z/BV .158 .316 .600 .840 .925
X/CV .300 -.0910 -.6640 -.6960 -.7370

MACH (3) = 1.102 BETAT (5) = 2.080
Z/BV .158 .316 .600 .840 .925
X/CV .000 .3490 .4110 .2660 .2440 .0270
.000 .0860 -.4180 -.3620 -.6470 -.6960
.150 -.0350 -.1630 -.1830 -.3460 -.3550
.300 -.1570 -.2410 -.2520 -.2180 -.1940
.520 -.2300 -.3070 -.2450 -.2220 -.1680
.650 -.7100 -.7810 -.7910 -.7910 -.7420
.775 -.3690 -.5110 -.6840 -.7350 -.7420
.900 -.0980 -.5020 -.7140 -.7140

MACH (3) = 1.102 BETAT (6) = 4.140
Z/BV .158 .316 .600 .840 .925
X/CV .000 .3000 .3480 .2330 .1680 -.0500
.050 .0650 -.5090 -.7050 -.8540 -.8900
.150 .0380 -.2190 -.4420 -.7280 -.7430
.300 .1840 .2900 .3570 .3000 .5340
.520 .2750 .3640 .3110 .2720 .2110
.650 .6410 .7320 .8090 .7250 .7370
.775 .3930 .4930 .7060 .7750 .7550
.900 .1090 .4410 .6300 .7110

MACH (3) = 1.100 BETAT (7) = 6.210
Z/BV .158 .316 .600 .840 .925
X/CV .000 .2530 .2630 .1610 .0640 -.1670
.050 .0110 .5920 .7140 .8550 .9610
.150 .0940 .2690 .6430 .7170 .8590
.300 .2190 .3310 .5790 .5690 .6770
.520 .3070 .3880 .4240 .5440 .4020
.650 .7110 .7860 .7840 .7820 .8350
.775 .3870 .5350 .7360 .5550 .5470
.900 .1100 .4890 .4830 .6480

MACH (3) = 1.106 BETAT (8) = 8.220
Z/BV .158 .316 .600 .840 .925
X/CV .000 .2420 .1450 .0890 .0360 .2670
.050 .0900 .6750 .7570 .8250 .9140
.150 .1740 .3630 .7190 .7430 .9330
.300 .1700 .3850 .7150 .7210 .9070
.520 .3560 .4100 .5960 .7270 .6300
.650 .6690 .7410 .7830 .7320 .7370
.775 .4010 .5420 .7630 .6150 .5640
.900 .1010 .5450 .5570 .5570

(RBNW10)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.246	BETAT (1) = -8.140	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3260	.1420	-.0030	.0340	.0570
		.050	.1760	.1920	.3790	.3760	.3710
		.150	.1160	.1750	.2930	.3020	.2480
		.300	.0680	.1520	.2030	.2290	.1470
		.520	.0530	.0820	.1620	.0380	-.0230
		.650	-.4060	-.4390	-.5070	-.4600	-.4870
		.775	-.3050	-.3360	-.3880	-.4720	-.4740
		.900		.0250	-.3890	-.3780	-.4480

MACH (4) = 1.248 BETAT (2) = -6.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2200	.2620	.1300	.2100	.1480
.050	.1330	.1790	.2930	.2980	.3030
.150	.0960	.1580	.2240	.2390	.1900
.300	.0450	.1140	.1510	.1830	.1130
.520	.0070	.0430	.0330	.0140	-.0110
.650	-.3890	-.4530	-.5190	-.4750	-.4990
.775	-.3080	-.3720	-.4170	-.4880	-.4980
.900		.0070	-.4240	-.4140	-.4840

MACH (4) = 1.252 BETAT (3) = -4.050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3290	.3490	.2070	.3320	.2080
.050	.0980	.1040	.1670	.1960	.2370
.150	.0740	.0960	.1350	.1690	.1320
.300	.0100	.0470	.0860	.1240	.0830
.520	-.0400	-.0140	-.0720	.0110	-.0010
.650	-.4410	-.4780	-.5340	-.4860	-.5110
.775	-.3180	-.4340	-.4510	-.4970	-.5140
.900		-.0750	-.4660	-.4500	-.5110

MACH (4) = 1.243 BETAT (4) = -2.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3530	.4540	.2640	.3570	.2120
.050	.0720	.0100	-.0280	.0370	.0650
.150	.0760	.0430	.0780	.0680	.0440
.300	-.0060	-.0220	-.0720	.0640	.0390
.520	-.0730	-.0720	-.0660	-.0320	-.0250
.650	-.4890	-.5030	-.5510	-.5010	-.5270
.775	-.3220	-.4980	-.4900	-.5180	-.5280
.900		-.0250	-.5030	-.4850	-.5280

MACH (4) = 1.243 BETAT (5) = 2.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3610	.4830	.3000	.3090	.1350
.050	.1610	-.2720	-.3980	-.4740	-.5010
.150	.0660	-.0610	-.1300	-.1900	-.2690
.300	-.0420	-.1230	-.1500	-.0910	-.0380

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBMV10)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (5) = 2.070 Z/BV .158 .316 .600 .840 .925
X/CV

.520 -.1430 -.2030 -.1630 -.1050 -.0640
.650 -.5340 -.5970 -.5910 -.5220 -.5330
.775 -.3200 -.4590 -.5430 -.5470 -.5570
.900 -.0360 -.5680 -.5290 -.5260

MACH (4) = 1.247 BETAT (6) = 4.120 Z/BV .158 .316 .610 .840 .925
X/CV

.500 .3490 .4120 .3100 .2830 .1140
.050 .1630 .3440 .5090 .6040 .6280
.150 .0480 .1040 .3030 .5090 .5040
.300 .0810 .1680 .2040 .1910 .2880
.520 .1880 .2290 .1910 .1380 .0770
.650 .4750 .5890 .6070 .5270 .5310
.775 .3340 .4080 .5570 .5670 .5390
.900 .0370 .5920 .5460 .5400

MACH (4) = 1.246 BETAT (7) = 6.160 Z/BV .158 .316 .630 .840 .925
X/CV

.500 .2640 .3590 .2710 .1900 .0070
.050 .1550 .4100 .5100 .6760 .7260
.150 .0400 .1360 .4570 .6220 .6310
.300 .0750 .1930 .3610 .4040 .4490
.520 .1950 .2480 .2680 .2920 .2000
.650 .5610 .5930 .6000 .6070 .6060
.775 .3420 .4520 .5760 .6230 .5980
.900 .0320 .6210 .5870 .5930

MACH (4) = 1.247 BETAT (8) = 8.220 Z/BV .158 .316 .600 .840 .925
X/CV

.000 .2860 .2550 .1950 .0810 -.1040
.050 .0360 .4900 .5800 .6480 .7140
.150 .0380 .2430 .5610 .6020 .7410
.300 .1450 .2630 .5330 .5480 .6290
.520 .2630 .3110 .4220 .5350 .4110
.650 .5700 .6250 .6170 .6740 .7000
.775 .3840 .4680 .6340 .6640 .6710
.900 .0260 .6370 .5190 .5010

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(REHW11) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5350 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 GRBINC = .500
 RUDDER = .000 ELEVON = .500
 RUDFLR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.040

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.3320	-1.3020	-1.3070	-1.0980	-.8040
.050	.1800	.2330	.3060	.2980	.1920
.150	.1280	.1620	.1810	.1540	.0780
.300	.0970	.0220	.0530	.0590	-.0430
.520	-.1490	-.1810	-.1690	-.1930	-.2110
.650	-.4150	-.4130	-.3850	-.2630	-.2580
.775	-.2940	-.2450	-.1380	-.1330	-.1420
.900		-.1370	-.1250	-.0980	-.1100

MACH (1) = .597 BETAT (2) = -5.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.0090	-.6890	-.8300	-.6870	-.4.90
.050	.1240	.1620	.2480	.2420	.1530
.150	.0690	.0970	.1110	.0900	.0410
.300	.0010	-.0330	.0020	.0160	-.0680
.520	-.1930	-.2260	-.2160	-.2220	-.2310
.650	-.4220	-.4400	-.4290	-.2710	-.2770
.775	-.2940	-.2610	-.1530	-.1360	-.1320
.900		-.1260	-.1120	-.0740	-.0610

MACH (1) = .597 BETAT (3) = -4.010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1380	-.1720	-.3420	-.2230	-.1530
.050	.0220	.0600	.1390	.1490	.0990
.150	-.0070	.0190	.0300	.0100	-.0110
.300	-.0750	-.0940	-.0650	-.0420	-.0930
.520	-.2430	-.2750	-.2750	-.2610	-.2580
.650	-.4370	-.4670	-.4750	-.3070	-.2940
.775	-.2980	-.2900	-.1790	-.1430	-.1200
.900		-.1300	-.1180	-.0590	-.0580

MACH (1) = .599 BETAT (4) = -2.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2340	.1880	.0300	.1590	.0740
.050	-.0380	-.0640	-.0010	.0020	-.0110
.150	-.0770	-.0560	-.0610	-.0680	-.0660
.300	-.1270	-.1540	-.1400	-.1000	-.1170
.520	-.2820	-.3110	-.3250	-.2960	-.2740
.650	-.4360	-.5060	-.5280	-.3460	-.2940
.775	-.2750	-.2920	-.1970	-.1440	-.1260
.900		-.1080	-.1280	-.0530	-.0440

(REMY11)

AVES 11-707 1A9 CEA + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (5) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3250	.3390	.2350	.2890	.1050
.150	-.1070	-.2230	-.3490	-.3330	-.1600
.150	-.1400	-.1550	-.1720	-.2180	-.1430
.300	-.1890	-.2260	-.2390	-.1790	-.1680
.520	-.3350	-.3490	-.3840	-.3960	-.3070
.650	-.4460	-.5280	-.5730	-.3690	-.3480
.775	-.2640	-.3120	-.2200	-.1680	-.1230
.900		-.1140	-.1380	-.0600	-.0310

MACH (1) = .598 BETAT (6) = 2.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2220	.2440	.1550	.1090	-.1410
.050	-.1810	-.6130	-.6590	-.6500	-.4020
.150	-.2140	-.2580	-.2950	-.3230	-.2480
.300	-.2390	-.2980	-.3100	-.2460	-.2150
.520	-.3530	-.3860	-.3930	-.3490	-.3190
.650	-.4410	-.4910	-.5750	-.3890	-.3650
.775	-.2680	-.3280	-.2260	-.1980	-.1250
.900		-.1090	-.1180	-.0590	-.0210

MACH (1) = .597 BETAT (7) = 3.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1570	.1320	.0510	-.0430	-.3010
.050	-.2260	-.6910	-.6580	-.6960	-.5440
.150	-.2580	-.3040	-.3850	-.3950	-.3190
.300	-.2790	-.3290	-.3440	-.2760	-.2360
.520	-.3790	-.3990	-.4010	-.3550	-.3180
.650	-.4360	-.4650	-.5630	-.3860	-.3610
.775	-.2650	-.3340	-.2210	-.2000	-.1240
.900		-.1060	-.1130	-.0560	-.0270

MACH (1) = .600 BETAT (8) = 4.100

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.0770	-.0360	-.0690	-.1830	-.4690
.050	-.2690	-.7200	-.7060	-.6640	-.6890
.150	-.2920	-.3690	-.5570	-.5430	-.5050
.300	-.3070	-.3690	-.4260	-.3650	-.3000
.520	-.3960	-.4130	-.4170	-.3610	-.3180
.650	-.4420	-.4590	-.5590	-.3670	-.3390
.775	-.2680	-.3350	-.2290	-.2230	-.1420
.900		-.1270	-.1200	-.0740	-.0510

MACH (1) = .601 BETAT (9) = 6.150

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1570	-.3970	-.3170	-.4730	-.8300
.050	-.4390	-.9540	-.7750	-.7250	-.8540
.150	-.3870	-.6000	-.7370	-.6830	-.9260
.300	-.3880	-.4590	-.7130	-.6130	-.5600

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBNM11)

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = .501 BETAT (9) = 6.150

Z/BV	.158	.316	.600	.840	.925
X/CV					
.520	-.4570	-.4410	-.4840	-.4520	-.2880
.650	-.4620	-.4690	-.5280	-.3340	-.2950
.775	-.3160	-.3360	-.2520	-.2410	-.2070
.900		-.1370	-.1560	-.1050	-.1300

MACH (1) = .600 BETAT (10) = 8.150

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	-.3240	-.8420	-.5640	-.7610	-.9600
.050	-.5310	-1.2760	-.9020	-.8960	-.9020
.150	-.4960	-.8340	-.8910	-.9410	-.9210
.300	-.4770	-.5440	-.9610	-.9770	-.6610
.520	-.5160	-.4810	-.5940	-.5720	-.5130
.650	-.5160	-.5050	-.5100	-.3310	-.4440
.775	-.3280	-.3580	-.2890	-.2690	-.3570
.900		-.1450	-.1960	-.1630	-.2750

MACH (2) = .900 BETAT (1) = -8.140

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1190	-.4550	-.8160	-.6610	-.4290
.050	.1280	.1530	.2990	.2590	.1710
.150	.1070	.1700	.1640	.1040	.0070
.300	.0680	.0550	.0170	.0080	-.1200
.520	-.0580	-.1480	-.2920	-.2840	-.3780
.650	-.4430	-.8220	-.9530	-.4850	-.5710
.775	-.3340	-.3630	-.1920	-.3390	-.2460
.900		-.1310	-.2680	-.2720	-.2510

MACH (2) = .903 BETAT (2) = -6.090

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1250	-.2060	-.5420	-.3840	-.3200
.050	.0480	.0780	.2450	.1990	.1160
.150	.0410	.1070	.1060	.0990	.0570
.300	.0120	.0050	-.0190	-.0510	-.1790
.520	-.1010	-.1780	-.3110	-.3320	-.3810
.650	-.4750	-.8890	-1.1180	-.6720	-.5820
.775	-.3190	-.3930	-.2270	-.3380	-.2690
.900		-.1440	-.2300	-.1720	-.1350

MACH (2) = .903 BETAT (3) = -4.060

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1300	-.0210	-.1740	-.0560	-.1320
.050	-.0460	-.0210	.1720	.1110	.0500
.150	-.0440	.0420	.0370	-.0340	-.1080
.300	-.0590	-.0470	-.0670	-.1090	-.2090
.520	-.1620	-.2120	-.3300	-.3380	-.3690

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2680

(REMARKS)

AVES 11-707 1A9 Q2A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (3) = -4.960

Z/BV X/CV	.158	.316	.600	.840	.925
.650	-.4710	-.8420	-1.1540	-.6530	-.4380
.775	-.3190	-.4050	-.2840	-.3760	-.2440
.900	-.1450	-.1940	-.1450	-.1450	-.0950

MACH (2) = .901 BETAT (4) = -2.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1880	.1820	.0760	.1650	.0180
.050	-.1260	-.1270	.0250	-.0260	-.0680
.100	-.1280	-.0410	-.0380	-.1200	-.1680
.150	-.1370	-.1150	-.1340	-.1600	-.2070
.200	-.2230	-.2570	-.3340	-.3460	-.3660
.250	-.4690	-.8060	-1.1800	-.7930	-.4850
.300	-.3100	-.4350	-.4470	-.4570	-.2820
.350	-.1410	-.1840	-.2730	-.1360	

MACH (2) = .901 BETAT (5) = 2.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1670	.2520	.1750	.1060	-.1680
.050	-.1760	-.5790	-.6910	-.7320	-.6850
.100	-.2320	-.2680	-.3300	-.4360	-.4540
.150	-.2720	-.2870	-.3180	-.3290	-.2980
.200	-.3310	-.3690	-.3820	-.3910	-.3720
.250	-.4710	-.5830	-1.1710	-.3030	-.2540
.300	-.2920	-.4410	-.4330	-.1890	-.1270
.350	-.1330	-.1810	-.1110	-.0650	

MACH (2) = .900 BETAT (6) = 4.150

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.0890	.1340	.0240	-.0840	-.3770
.050	-.2270	-.8050	-.7420	-.8760	-1.0650
.100	-.2970	-.3850	-.6840	-.6960	-1.0780
.150	-.3400	-.3710	-.5970	-.6460	-.7950
.200	-.3790	-.3970	-.4630	-.5000	-.2840
.250	-.4310	-.5150	-.8680	-.2820	-.2160
.300	-.3260	-.4240	-.3300	-.1670	-.1030
.350	-.1370	-.1730	-.0910	-.0460	

MACH (2) = .902 BETAT (7) = 5.200

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.0180	-.0050	-.1610	-.2670	-.5650
.050	-.3370	-.9910	-.9920	-.8460	-1.1030
.100	-.3720	-.6500	-.8910	-.7830	-1.1080
.150	-.4740	-.5180	-.9670	-.7020	-1.0150
.200	-.4680	-.4250	-.6140	-.5260	-.3330
.250	-.4320	-.4700	-.6240	-.3800	-.2960

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1/9A

PAGE 20P1

AMES 11-707 1A9 02A + S3 + 79 LEFT VERTICAL

(RBNV11)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (7) = 6.200 Z/BV .158 .316 .600 .840 .925
X/CV .775 -.3750 -.4080 -.2550 -.2740 -.2290

.900 -.1500 -.1450 -.2170 -.1670

MACH (2) = .930 BETAT (8) = 8.280 Z/BV .158 .316 .600 .840 .925
X/CV .000 -.0130 -.1820 -.2750 -.3800 -.5410

.050 -.4950 -1.0790 -1.1530 -.6060 -.5150

.150 -.4250 -.9610 -1.1440 -.5810 -.5170

.300 -.5490 -.6310 -1.1720 -.5510 -.5010

.520 -.5550 -.4640 -.8550 -.5250 -.4970

.650 -.4370 -.4470 -.4040 -.4870 -.4320

.775 -.4100 -.3980 -.1880 -.4540 -.4100

.900 -.1430 -.2430 -.4350 -.3740

MACH (3) = 1.103 BETAT (1) = -8.150 Z/BV .158 .316 .600 .840 .925
X/CV .000 .3540 .0230 -.1970 -.1960 -.1430

.050 .0720 .0250 .3520 .3230 .2820

.150 .0090 .0850 .2520 .2130 .1310

.300 -.0230 .0850 .1410 .1480 -.0710

.520 .0040 .0240 -.0510 -.1110 -.1790

.650 -.5380 -.6020 -.6990 -.6360 -.6950

.775 -.3840 -.3500 -.4580 -.6280 -.6540

.900 -.0610 -.4210 -.5150 -.6110

MACH (3) = 1.098 BETAT (2) = -6.110 Z/BV .158 .316 .600 .840 .925
X/CV .000 .2500 .1460 -.0340 .0180 -.0440

.050 .0460 -.0090 .2260 .2370 .2250

.150 -.0050 .0400 .1440 .1490 .0820

.300 -.0580 -.0020 .0870 .0900 -.0220

.520 -.0800 -.0680 -.0740 -.1260 -.1850

.650 -.5760 -.6410 -.7190 -.6530 -.7130

.775 -.4010 -.3840 -.5120 -.6710 -.6890

.900 -.0710 -.5160 -.5640 -.6380

MACH (3) = 1.102 BETAT (3) = -4.070 Z/BV .158 .316 .600 .840 .925
X/CV .000 .2320 .2640 .0830 .1890 .0630

.050 -.0250 -.0610 .0840 .0920 .1210

.150 -.0490 -.0210 .0540 .0520 .0330

.300 -.1110 -.0730 .0240 .0550 -.0540

.520 -.1470 -.1470 -.1250 -.1340 -.1640

.650 -.6190 -.6900 -.7300 -.6730 -.7360

.775 -.4130 -.5170 -.5310 -.6740 -.7180

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBMV11)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (3) = -4.070
Z/BV .158 .316 .600 .840 .925
X/CV .900 -.0770 -.5630 -.6090 -.7050

MACH (3) = 1.101 BETAT (4) = -2.030
Z/BV .158 .316 .600 .840 .925
X/CV .000 .3160 .3530 .1570 .2550 .0840
.050 -.0860 -.1630 -.1460 -.0530 -.0290
.150 -.0530 -.0820 .0050 -.0470 -.0880
.300 -.1400 -.1540 -.1040 -.0460 -.1310
.520 -.1770 -.1940 -.1880 -.1980 -.1990
.650 -.6960 -.7140 -.7790 -.7160 -.7680
.775 -.4010 -.6100 -.6480 -.7400 -.7320
.900 -.1010 -.6890 -.7060 -.7480

MACH (3) = 1.101 BETAT (5) = 2.090
Z/BV .158 .316 .600 .840 .925
X/CV .000 .3410 .3920 .2080 .1920 -.0260
.050 .0930 -.4220 -.5950 -.6540 -.6950
.150 -.0330 -.1890 -.2140 -.3700 -.3990
.300 -.1680 -.2640 -.2810 -.2330 -.2340
.520 -.2430 -.3270 -.2800 -.2510 -.2240
.650 -.7510 -.7950 -.8070 -.7310 -.7660
.775 -.3970 -.5220 -.7070 -.7570 -.7600
.900 -.1100 -.4800 -.7110 -.7310

MACH (3) = 1.105 BETAT (6) = 4.150
Z/BV .158 .316 .600 .840 .925
X/CV .000 .2660 .3130 .1840 .1210 -.1100
.050 .0810 -.5060 -.7130 -.8660 -.9030
.150 -.0470 -.2410 -.4690 -.7440 -.7610
.300 -.1870 -.3180 -.3740 -.3500 -.5080
.520 -.2770 -.3700 -.3300 -.2950 -.2380
.650 -.7370 -.7950 -.8240 -.7980 -.7570
.775 -.3860 -.5420 -.7400 -.7850 -.7680
.900 -.1200 -.4710 -.5950 -.6310

MACH (3) = 1.100 BETAT (7) = 6.230
Z/BV .158 .316 .600 .840 .925
X/CV .000 .1930 .2270 .1120 .0030 -.2270
.050 .0100 -.6080 -.7320 -.8570 -.9770
.150 -.1090 -.2830 -.6660 -.7160 -.8740
.300 -.2320 -.3670 -.5940 -.6380 -.6100
.520 -.3190 -.4050 -.4210 -.6050 -.5000
.650 -.7550 -.8120 -.8110 -.7860 -.8670
.775 -.4020 -.5990 -.7620 -.7220 -.5840
.900 -.1240 -.5260 -.5670 -.4930

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2623

AMES 11-707 IAS O2A + S3 + T9 LEFT VERTICAL

(RSNW11)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (8) = 8.300

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2990	.1180	.0270	-.1150	-.3240
.050	-.1090	-.6950	-.7960	-.8610	-.9400
.150	-.2120	-.3600	-.7570	-.7560	-.9580
.300	-.2940	-.4130	-.7570	-.7540	-.9480
.500	-.3670	-.4430	-.5820	-.7810	-.6580
.650	-.7150	-.7960	-.7870	-.7830	-.8290
.775	-.4240	-.5880	-.7690	-.6780	-.6100
.900		-.1220	-.5350	-.6160	-.5820

MACH (4) = 1.245 BETAT (1) = -8.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4180	.1300	-.0450	-.0400	.0340
.050	.1390	.1410	.3470	.3410	.3540
.150	.0800	.1290	.2590	.2720	.2220
.300	.0230	.1110	.1720	.2140	.1150
.500	.0210	.0950	.0370	.0180	-.0240
.650	-.4770	-.4510	-.5200	-.4740	-.5010
.775	-.3250	-.3810	-.2530	-.4830	-.4890
.900		.0110	-.4040	-.3970	-.4630

MACH (4) = 1.249 BETAT (2) = -6.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1700	.2570	.0900	.1620	.1410
.050	.0730	.1300	.2580	.2640	.3050
.150	.0750	.1170	.1910	.2080	.1780
.300	-.0070	.0780	.1240	.1620	.0890
.500	-.0330	.0170	.0170	-.0310	-.0370
.650	-.4670	-.4640	-.5260	-.4850	-.5130
.775	-.3220	-.4170	-.4290	-.4960	-.5120
.900		-.0010	-.4400	-.4200	-.4930

MACH (4) = 1.249 BETAT (3) = -4.040

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2960	.3290	.1790	.2840	.2050
.050	.0340	.0740	.1420	.1650	.2070
.150	.0390	.0670	.1120	.1420	.1220
.300	-.0280	.0120	.0640	.1130	.0490
.500	-.0640	.0320	.0190	-.0380	-.0340
.650	-.4840	-.4840	-.5400	-.4970	-.5270
.775	-.3230	-.4600	-.4590	-.5080	-.5230
.900		-.0110	-.4720	-.4600	-.5220

MACH (4) = 1.248 BETAT (4) = -2.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3400	.4400	.2220	.3170	.2150
.050	-.0640	-.0680	-.0490	.0220	.0850
.150	.0490	.0220	.0540	.0720	.0440
.300	-.0300	-.0410	-.0230	.0940	.0590

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(PENN11)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (8) = 8.250

Z/SV	.158	.316	.600	.840	.925
X/CV					
.650	-.5680	-.6340	-.6170	-.6390	-.7020
.775	-.3750	-.4750	-.6020	-.6630	-.6920
.900		-.0950	-.6380	-.5490	-.5240

DATE 21 SEP 73

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TABULATED PRESSURE DATA - 1A9A

(REMOVED) (27 APR 73)

APES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5000 INCHES
 YREF = 39.8490 INCHES YREF = .0000 INCHES
 ZREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 QEDINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUFLR = .000

DEPENDENT VARIABLE QF

SECTION (1) LEFT VERTICAL

MACH (1) = 1.101 BETAT (1) = -8.170

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2830	.5810	.0320	.1990	.2360
.050	.5770	.5690	.5520	.5300	.4370
.100	.4780	.4860	.4290	.3040	.3150
.150	.3850	.3430	.3140	.2970	.2000
.200	.2050	.0560	.0670	.0970	.0590
.250	.2300	-.7070	-.7200	-.7470	-.6250
.300	.680	-.3610	-.6660	-.7180	-.6480
.350	-.3160	-.0950	-.6330	-.6530	-.6410
.400					

MACH (1) = 1.100 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.6350	.4870	.3840	.5060	.4190
.050	.3990	.3400	.3560	.3990	.3030
.100	.3090	.2960	.2900	.1600	.2050
.150	.2280	.1930	.1930	.2170	.1540
.200	.1030	-.0140	.0110	.0220	.0380
.250	-.3750	-.7380	-.7500	-.7760	-.6670
.300	.690	-.4820	-.7270	-.7720	-.6660
.350	.775	-.1220	-.7070	-.7360	-.6850
.400					

MACH (1) = 1.097 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.7070	.6270	.5660	.6330	.4480
.050	.1140	-.1020	-.2060	-.1880	-.1730
.100	.1640	.0800	.0690	-.1120	.0590
.150	.0480	.0240	.0330	.0610	.0770
.200	-.0440	-.1230	-.0350	-.0040	.0330
.250	-.5030	-.7700	-.7730	-.7930	-.6620
.300	.775	-.3810	-.7750	-.8120	-.6990
.350		-.1020	-.7710	-.7950	-.6190
.400					

MACH (1) = 1.099 BETAT (4) = 4.160

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5400	.5800	.5310	.4850	.2900
.050	-.2670	-.3890	-.6430	-.8320	-.8500
.100	.0500	-.2420	-.4160	-.6870	-.6740
.150	-.0520	-.1440	-.2910	-.4950	-.5250
.200	-.1650	-.2500	-.1950	-.0930	-.0300
.250	-.5390	-.8120	-.7610	-.8130	-.6390
.300	.630	-.4280	-.6380	-.7510	-.6320
.350	.775	-.1360	-.6410	-.7730	-.6320
.400					

DATE 21 SEP 73 TABULATED PRESSURE DATA - IAGA

AVES 11-707 IAG 02A + S3 + T9 LEFT VERTICAL

(25.0012)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE QP

MACH (1) = 1.105	BETAT (5) = 0.300	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.0860	.3200	.3640	.2830	.0250
		.050	-.5690	-.6000	-.6320	-.8460	-.9900
		.100	-.0580	-.6190	-.6610	-.7790	-.9220
		.150	-.1610	-.5780	-.6440	-.6730	-.9330
		.200	-.2890	-.4860	-.6260	-.5880	-.4640
		.250	-.5450	-.8290	-.5160	-.5810	-.7980
		.300	-.775	-.6540	-.7950	-.5480	-.5110
		.350		-.1240	-.6320	-.5190	-.5290

MACH (2) = 1.250 BETAT (1) = -0.120

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3470	.2420	.1880	.3270	.3560
.050	.6060	.6070	.6220	.6190	.5440
.100	.5040	.5190	.5170	.4270	.4160
.150	.4280	.4250	.4100	.4720	.3150
.200	.2970	.1860	.1980	.1770	.1000
.250	-.1240	-.5000	-.5060	-.5090	-.4230
.300	-.2230	-.2480	-.4690	-.5130	-.4450
.350		-.0160	-.4420	-.4550	-.4480

MACH (2) = 1.250 BETAT (2) = -4.000

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.6760	.5640	.4860	.5980	.5020
.050	.4760	.3920	.3950	.4240	.3960
.100	.3770	.3310	.3370	.2750	.3110
.150	.2710	.2670	.2810	.3260	.2370
.200	.1690	.0890	.1490	.1520	.1000
.250	-.2480	-.5320	-.5300	-.5320	-.4430
.300	-.2780	-.4240	-.5230	-.5430	-.4820
.350		-.0400	-.5170	-.5190	-.4870

MACH (2) = 1.246 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.7950	.6950	.6030	.6770	.5080
.050	.1680	.0080	-.0990	-.1030	-.1080
.100	.2440	.1690	.1460	.0190	.1280
.150	.1390	.0930	.0950	.1330	.1520
.200	.0360	-.0280	.0390	.0980	.0670
.250	-.3510	-.5710	-.5660	-.5720	-.4570
.300	-.3200	-.5250	-.5810	-.5890	-.4860
.350		-.0330	-.6130	-.5800	-.4490

MACH (2) = 1.245 BETAT (4) = 4.15

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.5720	.6320	.6060	.5720	.3560
.050	-.1830	-.2770	-.5190	-.6020	-.6130
.100	.1370	-.1770	-.4420	-.4790	-.4680
.150	.0420	-.0500	-.5910	-.3710	-.2190

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBM12)

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.245	BETAT (4) = 4.130	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.520	-.0790	-.1620	-.0490	-.0240	-.1130
		.650	-.3680	-.6140	-.6120	-.5580	-.4890
		.775	-.3430	-.5490	-.6310	-.6090	-.5110
		.900		-.5600	-.6310	-.6070	-.4440
MACH (2) = 1.247	BETAT (5) = 8.250	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.1960	.4830	.4820	.4030	.1590
		.050	-.3300	-.4190	-.5160	-.7310	-.7610
		.150	-.0350	-.4350	-.4880	-.6540	-.6940
		.300	-.0830	-.3970	-.4490	-.5160	-.6750
		.520	-.1850	-.3660	-.4410	-.5510	-.4000
		.650	-.4120	-.6370	-.7170	-.5940	-.6510
		.775	-.3750	-.5380	-.6980	-.5090	-.5740
		.900		-.0560	-.5140	-.4350	-.4550

DATE 21 SEP 79 (RBMV13) (27 APR 75)

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 IAG OZA + S3 + TS LEFT VERTICAL

REFERENCE DATA

SREF = 2.4210 SQ.FT. YMRP = 28.5300 INCHES
 JREF = 39.8490 INCHES YMRP = .0000 INCHES
 SREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
 RUDYER = -9.000 ELEVON = .500
 RUDCLR = .000

DEPENDENT VARIABLE QP

SECTION (1) LEFT VERTICAL

MACH (1) = 1.102 BETAT (1) = -8.180

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2740	.0860	.0250	.1850	.2110
.050	.5270	.5320	.5260	.5080	.5420
.100	.4380	.4410	.4090	.2860	.2850
.150	.3520	.3190	.2950	.2780	.2120
.200	.1820	.0940	.0530	.0220	-.1550
.250	-.2390	-.7090	-.7260	-.7570	-.6460
.300	-.3080	-.3640	-.6790	-.7260	-.6350
.350		-.0880	-.6390	-.6650	-.6570

MACH (1) = 1.098 BETAT (2) = -4.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6190	.4620	.3560	.4740	.3730
.050	.3550	.2840	.3210	.3300	.3080
.100	.2790	.2570	.2590	.1440	.1890
.150	.1880	.1930	.1690	.2050	.1510
.200	.0760	.0220	-.0050	.0010	-.0430
.250	-.3820	-.7510	-.7630	-.7890	-.6830
.300	-.3510	-.4960	-.7370	-.7760	-.5710
.350		-.1190	-.7170	-.7410	-.7050

MACH (1) = 1.101 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7000	.5910	.5280	.5500	.4080
.050	.1110	-.1180	-.2230	-.2130	-.1450
.100	.1360	.0530	.0390	-.1160	.0360
.150	.0240	-.0100	-.0620	.0900	.0780
.200	-.0700	-.1100	-.0520	-.0220	-.0430
.250	-.5300	-.7730	-.7780	-.7990	-.6640
.300	-.3800	-.5730	-.7610	-.8100	-.7030
.350		-.1020	-.7780	-.7930	-.6380

MACH (1) = 1.097 BETAT (4) = 4.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5380	.5570	.4930	.4460	.5070
.050	-.2120	-.4100	-.6580	-.8380	-.8490
.100	.0260	-.2400	-.4050	-.6910	-.6820
.150	-.0630	-.1640	-.2750	-.5200	-.4790
.200	-.1910	-.2530	-.2050	-.1030	-.1790
.250	-.5560	-.8190	-.7670	-.8200	-.6640
.300	-.4150	-.6370	-.8160	-.8310	-.7110
.350		-.1420	-.5710	-.7670	-.0450

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBNW13)

AMES 11-707 1A9 CEA + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (5) = 0.290

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1020	.3140	.3340	.2420	-.0200
.050	-.3520	-.6260	-.7170	-.8500	-.9730
.100	-.1030	-.6540	-.6820	-.7730	-.9280
.150	-.2090	-.4790	-.6510	-.6560	-.9560
.200	-.3200	-.4090	-.6310	-.6140	-.4550
.250	-.5570	-.8500	-.9100	-.5900	-.7270
.300	-.4390	-.7000	-.7390	-.5360	-.4740
.350	-.1230	-.6130	-.5130	-.4560	-.4860

MACH (2) = 1.245 BETAT (1) = -0.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3090	.2480	.1790	.3120	.3120
.050	.5190	.5500	.5760	.5780	.5260
.100	.4340	.4730	.4730	.4500	.3330
.150	.3750	.3870	.3730	.3720	.2900
.200	.2580	.1970	.1790	.1470	.0840
.250	-.1230	-.5080	-.5230	-.5460	-.4510
.300	-.2250	-.2590	-.4860	-.5220	-.4550
.350	-.0150	-.4600	-.4690	-.4690	-.4610

MACH (2) = 1.251 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6170	.5380	.4530	.5630	.4650
.050	.4430	.3540	.3650	.3910	.3880
.100	.3450	.2980	.3220	.2630	.2820
.150	.2410	.2380	.2520	.2590	.2550
.200	.1380	.1930	.1250	.1320	.0840
.250	-.2530	-.5400	-.5420	-.5620	-.4740
.300	-.2720	-.4410	-.5350	-.5490	-.4710
.350	-.0390	-.0390	-.5210	-.5280	-.5050

MACH (2) = 1.246 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7810	.6630	.5590	.6330	.4630
.050	.1570	-.0150	-.1150	-.1240	-.1060
.100	.2230	.1420	.1100	.0720	.1070
.150	.1120	.0640	.0730	.1110	.1420
.200	.0100	-.0280	.0170	.0750	.0710
.250	-.3730	-.5810	-.5750	-.5790	-.4660
.300	-.3290	-.5410	-.5850	-.5890	-.4910
.350	-.1030	-.5380	-.5830	-.5830	-.4710

MACH (2) = 1.245 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5210	.6250	.5650	.5120	.3130
.050	-.0650	-.2920	-.5210	-.6550	-.6110
.100	.1180	-.1790	-.4260	-.4840	-.4710
.150	.0160	-.0560	-.1040	-.3760	-.2010

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBNV13)

AMES 1 -707 1A9 02A + S3 + 19 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

MACH (2) = 1.245 BETAT (4) = 4.120		DEPENDENT VARIABLE CP	
		Z/BV	.158 .316 .600 .840 .925
		X/CV	
		.520	-.0990 -.1630 -.0820 -.0240 -.0660
		.650	-.3790 -.6210 -.6150 -.6010 -.4850
		.775	-.3460 -.5330 -.6340 -.6120 -.5040
		.900	-.0580 -.6350 -.6120 -.4440
MACH (2) = 1.247 BETAT (5) = 8.250		Z/BV	.158 .316 .600 .840 .925
		X/CV	
		.000	.1600 .4420 .4510 .3610 .1140
		.050	-.2150 -.4290 -.5260 -.6980 -.7800
		.150	-.0430 -.4520 -.4960 -.6650 -.6960
		.300	-.1130 -.3690 -.4540 -.5180 -.6670
		.520	-.2050 -.3120 -.4360 -.3980 -.4070
		.650	-.4330 -.6500 -.7000 -.5970 -.6560
		.775	-.3690 -.5370 -.6940 -.4970 -.5420
		.900	-.0440 -.5080 -.4320 -.4350

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBW714) (27 APR 73)

REFERENCE DATA

SEXY = 2.4210 SQ.FT. XSRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 35.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = .500
 RUDEER = -5.000 ELEVON = .500
 RUDELR = .000

DEPENDENT VARIABLE CP

SECTION (1): LEFT VERTICAL

MACH (1) = 1.795 BETAT (1) = -8.190

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2980	.0870	-.0170	.1300	.1460
.050	.4420	.4650	.4750	.4640	.3770
.100	.1590	.3820	.3620	.2480	.2470
.150	.2910	.2710	.2570	.2390	.1470
.200	.1420	.0110	.0170	-.1090	-.1030
.250	-.2710	-.7240	-.7360	-.7650	-.6530
.300	-.3380	-.4040	-.6820	-.7340	-.6700
.350		-.0840	-.6920	-.6690	-.6710

MACH (1) = 1.100 BETAT (2) = -4.080

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5770	.4460	.3230	.4390	.3280
.050	.3120	.2320	.2730	.2940	.2480
.100	.2240	.2510	.2220	.1100	.1560
.150	.1330	.1510	.1400	.1850	.1170
.200	.0360	-.0650	-.0320	-.0230	-.3790
.250	-.4090	-.7590	-.7650	-.7940	-.8860
.300	-.3700	-.5140	-.7440	-.7750	-.3890
.350		-.1170	-.7270	-.7480	-.7200

MACH (1) = 1.099 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.6840	.5550	.4750	.5530	.3510
.050	.1210	-.1430	-.2420	-.2340	-.1730
.100	.1150	.0230	.0110	-.1270	.0780
.150	-.0030	-.0440	-.0250	.0230	.0140
.200	-.1020	-.1650	-.0740	-.0470	-.0400
.250	-.5490	-.7870	-.7800	-.8020	-.6320
.300	-.3920	-.5850	-.7850	-.8110	-.7190
.350		-.1030	-.7730	-.7970	-.6160

MACH (1) = 1.100 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3020	.5310	.4520	.3980	.1630
.050	-.0680	-.4370	-.6780	-.8410	-.8520
.100	-.0000	-.2370	-.4190	-.7000	-.6910
.150	-.1150	-.1820	-.2950	-.4910	-.5020
.200	-.2270	-.3110	-.2100	-.1340	-.1030
.250	-.3760	-.8380	-.7940	-.8290	-.6580
.300	-.4250	-.6420	-.8240	-.8340	-.7210
.350		-.1320	-.5110	-.6360	-.6500

AMES 11-707 1A9 C2A + S3 + T9 LEFT VERTICAL

(R3M714)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.260

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.1590	.2930	.2840	.1990	-.0670
.050	-.2910	-.6330	-.7300	-.8490	-.9910
.100	-.1180	-.6660	-.7020	-.7720	-.9330
.150	-.2280	-.3450	-.6640	-.6880	-.9640
.200	-.3410	-.4170	-.6370	-.6260	-.4520
.250	-.5850	-.8330	-.8980	-.5760	-.7390
.300	-.4280	-.6940	-.7290	-.5130	-.4470
.350		-.1180	-.6110	-.4980	-.4370

MACH (2) = 1.246 BETAT (1) = -8.140

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2640	.2310	.1410	.2660	.2690
.050	.4660	.5340	.5440	.5410	.4800
.100	.3780	.4290	.4470	.3590	.3550
.150	.3270	.3530	.3430	.3480	.2560
.200	.2270	.1360	.1430	.1230	.0540
.250	-.1450	-.5140	-.5300	-.5520	-.4520
.300	-.2410	-.2960	-.4930	-.5280	-.4680
.350		-.1020	-.4670	-.4780	-.4750

MACH (2) = 1.244 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5.80	.5160	.4090	.5150	.4120
.050	.3970	.5100	.3150	.3490	.3300
.100	.3000	.2580	.2810	.2230	.2460
.150	.2030	.1970	.2160	.2590	.2130
.200	.0980	.0430	.0560	.1030	.0540
.250	-.2830	-.5560	-.5510	-.5790	-.4640
.300	-.2970	-.4560	-.5520	-.5600	-.4850
.350		-.1040	-.5310	-.5450	-.5200

MACH (2) = 1.241 BETAT (3) = .060

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.7670	.6300	.5140	.5870	.4110
.050	.1610	-.1020	-.1280	-.1320	-.1260
.100	.1970	.1270	.0940	.0250	.0810
.150	.0930	.0270	.0430	.0880	.1030
.200	-.0170	-.0750	-.0370	.0490	.0450
.250	-.4040	-.5920	-.5940	-.5830	-.4860
.300	-.3260	-.5520	-.5970	-.5970	-.4990
.350		-.0370	-.5920	-.5900	-.4870

MACH (2) = 1.245 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.4670	.5940	.5240	.4820	.2700
.050	.0820	-.3020	-.5190	-.6120	-.6250
.100	.1100	-.1560	-.3890	-.4910	-.4820
.150	-.1090	-.0700	-.1260	-.3860	-.2370

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2634

ANES 11-707 :AS CPA + S3 + T9 LEFT VERTICAL

(RDM714)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.630	.840	.925
.520	-.1380	-.2060	-.0990	-.0160	.0250
.650	-.3860	-.6420	-.6120	-.5990	-.4810
.775	-.3490	-.5120	-.6400	-.6080	-.4980
.900		-.0610	-.6050	-.6050	-.4580

MACH (2) = 1.250 BETAT (5) = 8.210

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.1450	.4120	.4110	.3260	.0850
.050	-.1000	-.4350	-.5270	-.6810	-.7550
.150	-.0450	-.4580	-.5000	-.6570	-.6990
.300	-.1250	-.3130	-.4560	-.4960	-.6670
.520	-.2260	-.2890	-.4410	-.4070	-.4010
.650	-.4450	-.6570	-.6910	-.5820	-.6510
.775	-.3710	-.5250	-.6840	-.4950	-.5300
.900		-.0480	-.5010	-.4300	-.4340

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + 19 LEFT VERTICAL

(RBMV15) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 ORBITAL = .500
 RUCCER = -5.000 ELEVON = .000
 RUDEFL = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200
 Z/BV .158 .316 .600 .840 .925
 X/CV .000 .3470 .0950 -.0390 .0690 .0960

.050 .3820 .4140 .4380 .4340 .3770
 .150 .3050 .1990 .3320 .2220 .2270
 .300 .2470 .2360 .2270 .2160 .1280
 .520 .1160 .0990 .0420 .0300 .1160
 .650 .2930 .7260 .7420 .7740 .6730
 .775 .3310 .4170 .6980 .7400 .6850
 .900 .0750 .0670 .0670 .0670 .6840

MACH (1) = 1.101 BETAT (2) = -4.080

Z/BV .158 .316 .600 .840 .925
 X/CV .000 .4730 .4210 .2950 .4020 .2880
 .050 .2760 .1820 .2330 .2590 .2480
 .150 .1870 .1550 .1870 .0870 .2280
 .300 .0960 .1090 .1100 .1610 .0940
 .520 .0080 .1050 .0480 .0450 .0370
 .650 .4410 .7630 .7740 .8040 .7590
 .775 .3720 .5390 .7540 .7790 .6350
 .900 .1130 .7900 .7550 .7570 .7370

MACH (1) = 1.103 BETAT (3) = .090

Z/BV .158 .316 .600 .840 .925
 X/CV .000 .6660 .5210 .4250 .5080 .3790
 .050 .1210 .1710 .2650 .2710 .2250
 .150 .0930 .0060 .0150 .1490 .0210
 .300 .0330 .0760 .0570 .0010 .0250
 .520 .1330 .1610 .1030 .0740 .0880
 .650 .5660 .7890 .7960 .8130 .6920
 .775 .3820 .5840 .7980 .8180 .7160
 .900 .1040 .7480 .8040 .6320 .6320

MACH (1) = 1.097 BETAT (4) = 4.140

Z/BV .158 .316 .600 .840 .925
 X/CV .000 .4100 .4970 .4160 .3670 .1200
 .050 .0420 .4480 .6930 .8420 .8630
 .150 .0150 .2200 .4230 .7090 .7000
 .300 .1480 .2020 .3120 .4190 .4990
 .520 .2450 .3200 .2350 .1590 .1120
 .650 .6050 .8460 .8150 .8350 .7720
 .775 .4050 .6730 .8330 .8360 .7270
 .900 .1210 .5090 .5640 .5640 .6830

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

(R20015)

ANES 1 -707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.100	BETAT (5) = 8.250	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.2160	.2730	.2550	.1590	-.1140
		.050	-.3270	-.6340	-.7450	-.8500	-.9850
		.100	-.1160	-.6670	-.7190	-.7710	-.8300
		.150	-.2430	-.2850	-.6720	-.6910	-.9730
		.200	-.3480	-.4070	-.6310	-.6300	-.4370
		.250	-.6380	-.8240	-.8910	-.5600	-.6360
		.300	-.775	-.6380	-.7240	-.4910	-.6080
		.350		-.1140	-.6100	-.4350	-.4110

MACH (2) = 1.245 BETAT (1) = -8.150

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3970	.2210	.1310	.2410	.2350
.050	.4410	.4460	.5060	.5130	.4730
.100	.3430	.3810	.4110	.3330	.3330
.150	.2830	.3200	.3160	.3280	.2370
.200	.2020	.1470	.1400	.1030	.0420
.250	-.1930	-.5190	-.5350	-.5580	-.4710
.300	-.775	-.2500	-.3100	-.5050	-.4750
.350		-.5070	-.4740	-.4820	-.4510

MACH (2) = 1.269 BETAT (2) = -4.070

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.4190	.4890	.3770	.4800	.3670
.050	.3520	.2740	.2830	.3150	.3220
.100	.2620	.2310	.2500	.2070	.2220
.150	.1730	.1690	.1940	.2260	.2380
.200	.0740	.0500	.0900	.0850	.0480
.250	-.3210	-.5560	-.5550	-.5770	-.4910
.300	-.2980	-.4770	-.5500	-.5580	-.4920
.350		-.0400	-.5350	-.5420	-.5510

MACH (2) = 1.247 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.7290	.5950	.4750	.5310	.3550
.050	.1690	-.0660	-.1430	-.1420	-.1410
.100	.1700	.0930	.0580	.0580	.0600
.150	.0650	.0100	.0180	.0580	.0790
.200	-.0390	-.0740	-.0300	.0260	.0280
.250	-.4300	-.5940	-.5870	-.5940	-.4940
.300	-.775	-.5640	-.6010	-.6000	-.5080
.350		-.0440	-.6020	-.5920	-.5000

MACH (2) = 1.247 BETAT (4) = 4.110

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3800	.5640	.4820	.4420	.2340
.050	.1630	-.3180	-.5240	-.6150	-.6270
.100	.0810	-.1290	-.3750	-.4970	-.4900
.150	-.0380	-.0850	-.1500	-.1950	-.2240

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(FEBRUARY 15)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

Z/BV	.158	.316	.600	.840	.925
X/CV					
.520	-.1640	-.2120	-.1340	-.0430	.0320
.650	-.4160	-.6320	-.6210	-.6090	-.4980
.775	-.3560	-.5290	-.6370	-.6230	-.5080
.900		-.0500	-.5690	-.6150	-.4790

MACH (2) = 1.246 BETAT (5) = 8.200

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2090	.3720	.3680	.2710	.0210
.050	-.1660	-.4570	-.5490	-.6870	-.7670
.100	-.0110	-.4790	-.5230	-.6560	-.7190
.300	-.1220	-.1890	-.4740	-.5090	-.6710
.520	-.2330	-.2660	-.4420	-.4300	-.4050
.650	-.4810	-.6690	-.6870	-.5560	-.6690
.775	-.3560	-.5430	-.6880	-.4910	-.4910
.900		-.0370	-.5060	-.4350	-.4290

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REMARKS) (27 APR 73)

ANES 11-707 1A9 02A + 33 + T9 LEFT VERTICAL

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = 1.0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = .000 OFSINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUOFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (1) = 1.101 BETAT (1) = -8.210

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2880	.0670	-.0890	.0290	.0420
.050	.3420	.3910	.4230	.4100	.3260
.100	.2690	.3170	.3130	.2040	.2010
.150	.2250	.2140	.2180	.2020	.1930
.200	.0990	-.0190	-.0210	-.0480	-.1450
.250	-.3080	-.7300	-.7490	-.7740	-.6710
.300	-.3530	-.4360	-.6930	-.7430	-.6830
.350		-.0720	-.6630	-.6750	-.6830

MACH (1) = 1.098 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3640	.3840	.2450	.3580	.2380
.050	.2290	.1700	.2230	.2420	.2020
.100	.1550	.1310	.1720	.0700	.1120
.150	.0680	.1010	.0950	.1340	.0420
.200	-.0210	-.1050	-.0640	-.0640	-.1180
.250	-.4150	-.7640	-.7730	-.8040	-.7160
.300	-.3890	-.5440	-.7520	-.7750	-.6950
.350		-.1050	-.7280	-.7540	-.7420

MACH (1) = 1.100 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6290	.4950	.3730	.4550	.2670
.050	.1170	-.1870	-.2780	-.2720	-.2250
.100	.0580	-.0250	-.0410	-.1710	-.0550
.150	-.0540	-.1040	-.0790	-.0170	-.0130
.200	-.1570	-.2150	-.1270	-.0920	-.1150
.250	-.5770	-.8010	-.7980	-.8130	-.7550
.300	-.3940	-.6030	-.7990	-.8150	-.7150
.350		-.1080	-.7030	-.8120	-.6890

MACH (1) = 1.100 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3290	.4660	.3770	.3170	.0840
.050	.0720	-.4600	-.6820	-.6390	-.6710
.100	-.0280	-.1960	-.4390	-.7130	-.7070
.150	-.1620	-.2180	-.3150	-.2970	-.5210
.200	-.2920	-.3670	-.2410	-.1510	-.1510
.250	-.5850	-.8360	-.8290	-.8430	-.7170
.300	-.4240	-.6860	-.8240	-.8720	-.7350
.350		-.1110	-.5190	-.5360	-.5930

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(R8-1716)

AMES 11-707 1A9 02A + S3 + T² LEFT VERTICAL

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = 1.099	BETAT (5) = 8.250	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.2120	.2520	.2090	.1040	-.1460
		.050	-.0820	-.6350	-.7570	-.8390	-.9630
		.100	-.1310	-.6300	-.7350	-.7750	-.9370
		.150	-.2940	-.3150	-.6880	-.6970	-.9540
		.200	-.3760	-.4450	-.6260	-.6200	-.9510
		.250	-.6800	-.8120	-.8760	-.5410	-.4900
		.300	-.4350	-.6570	-.6820	-.4700	-.4150
		.350		-.1120	-.6090	-.4730	-.4230

MACH (2) = 1.247 BETAT (1) = -8.150

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3230	.1920	.0970	.1950	.1930
.050	.3870	.3920	.4730	.4850	.4340
.100	.2890	.3320	.3820	.3360	.3110
.150	.2320	.2770	.2920	.3080	.2110
.200	.1640	.0870	.1090	.0880	.0790
.250	-.2250	-.5260	-.5450	-.5590	-.4850
.300	-.2660	-.3370	-.5030	-.5330	-.4570
.350		.0090	-.4810	-.4890	-.4870

MACH (2) = 1.249 BETAT (2) = -4.070

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3700	.4650	.3400	.4470	.3270
.050	.2900	.2430	.2500	.2870	.2770
.100	.2170	.1960	.2210	.1820	.2010
.150	.1320	.1390	.1670	.1980	.1610
.200	.0420	-.0030	.0540	.0690	.0270
.250	-.3480	-.5670	-.5630	-.5850	-.4970
.300	-.3100	-.4880	-.5570	-.5600	-.4970
.350		-.0360	-.5440	-.5460	-.5360

MACH (2) = 1.247 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.6680	.5750	.4280	.4950	.3110
.050	.1600	-.0990	-.1650	-.1530	-.1530
.100	.1430	.0670	.0440	-.0680	.0390
.150	.0400	-.0110	-.0070	.0450	.0390
.200	-.0690	-.1160	-.0550	.0520	.0350
.250	-.4450	-.6060	-.5920	-.6170	-.5580
.300	-.3380	-.5670	-.6110	-.6540	-.5150
.350		-.0480	-.6090	-.5980	-.4950

MACH (2) = 1.244 BETAT (4) = 4.110

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3450	.5380	.4460	.4140	.2730
.050	.1990	-.3330	-.5270	-.6170	-.6340
.100	.0640	-.1130	-.3390	-.5010	-.4940
.150	-.0580	-.1160	-.1810	-.3730	-.2330

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2840

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(EDWARDS)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (4) = 4.110

Z/BV	.158	.316	.630	.840	.925
X/CV					
.520	-.1890	-.2470	-.1370	-.0980	-.0270
.650	-.4400	-.6650	-.6200	-.5150	-.5050
.775	-.3580	-.5430	-.6450	-.6270	-.5170
.900		-.0500	-.5790	-.6220	-.4740

MACH (2) = 1.244 BETAT (5) = 8.200

Z/BV	.158	.316	.630	.840	.925
X/CV					
.000	.1460	.3310	.3210	.2220	-.0100
.050	-.0660	-.4770	-.5710	-.6830	-.7700
.100	-.0160	-.4920	-.5440	-.6560	-.7300
.300	-.1460	-.1980	-.4980	-.5280	-.7130
.520	-.2530	-.3100	-.4510	-.4850	-.3940
.650	-.5330	-.6780	-.6800	-.5300	-.6530
.775	-.3660	-.5460	-.6860	-.4770	-.4250
.900		-.0470	-.5000	-.4330	-.3920

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2541

ANES 11-707 1A9 OCA + S3 + T9 LEFT VERTICAL

(REMOVED) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 S3-FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BRFP = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

SECTION (1) LEFT VERTICAL

MACH (1) = 1.102 BETAT (1) = -8.200

DEPENDENT VARIABLE CP

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2240	.0700	-.0920	.0040	.0590
.050	.2630	.3170	.3700	.3670	.3220
.100	.1940	.2640	.2730	.1660	.1710
.150	.1630	.1740	.1730	.1730	.0740
.200	.0630	-.0070	-.0370	-.0720	-.1560
.250	-.3510	-.7380	-.7560	-.7880	-.6960
.300	-.3500	-.4520	-.7150	-.7550	-.7020
.350		-.0650	-.6700	-.6940	-.7010

MACH (1) = 1.098 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2990	.3660	.2310	.3280	.1980
.050	.1470	.1050	.1640	.1920	.1910
.100	.0890	.0660	.1310	.0430	.0730
.150	.0120	.0220	.0580	.0940	.0480
.200	-.0790	-.1040	-.0910	-.0900	-.1300
.250	-.3980	-.7720	-.7880	-.8160	-.7280
.300	-.3770	-.5510	-.7670	-.7640	-.7100
.350		-.1010	-.7370	-.7650	-.7610

MACH (1) = 1.102 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5750	.4640	.3210	.4030	.2130
.050	.0970	-.2090	-.2880	-.2870	-.2450
.100	.0250	-.0330	-.0750	-.2070	-.0680
.150	-.0830	-.1330	-.1050	-.0420	-.0340
.200	-.1720	-.2060	-.1520	-.1180	-.0370
.250	-.6210	-.8070	-.8110	-.8240	-.7150
.300	-.7750	-.6130	-.8090	-.8220	-.7250
.350		-.1090	-.6660	-.8240	-.7170

MACH (1) = 1.100 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2920	.4290	.3250	.2780	.0430
.050	.0720	-.4780	-.7050	-.8380	-.8700
.100	.0350	-.1810	-.4350	-.7150	-.7550
.150	-.1850	-.2440	-.2390	-.2810	-.4200
.200	-.3710	-.3730	-.2680	-.2050	-.1610
.250	-.6050	-.8430	-.8450	-.8450	-.7270
.300	-.7750	-.5730	-.8190	-.7430	-.7380
.350		-.1100	-.5280	-.5560	-.5430

PARAMETRIC DATA

ALPHAT = 2.000 OSEINC = .500
 RUPPER = -5.000 ELENIN = .500
 RUDEL = .000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBMV17)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (1) = 1.099 BETAT (5) = 0.250

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2280	.2300	.1740	.0550	-.1980
.050	-.0650	-.6340	-.7630	-.8350	-.9350
.100	-.1090	-.4730	-.7440	-.7670	-.9040
.150	-.2900	-.3440	-.6990	-.7050	-.9130
.200	-.3950	-.4380	-.6140	-.6680	-.5650
.250	-.6930	-.8270	-.8710	-.5810	-.5190
.300	-.4300	-.5950	-.7320	-.5220	-.4590
.350	-.1070	-.6150	-.5070	-.4310	-.4310

MACH (2) = 1.244 BETAT (1) = -0.150

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2800	.1450	.0620	.1380	.1420
.050	.3070	.3210	.4160	.4380	.4120
.100	.2230	.2710	.3360	.2700	.2740
.150	.1690	.2220	.2510	.2700	.1790
.200	.1290	.0860	.0860	.0590	-.0060
.250	-.2740	-.5350	-.5510	-.5710	-.4920
.300	-.2820	-.3480	-.5250	-.5450	-.4930
.350		.0170	-.4950	-.4970	-.4920

MACH (2) = 1.251 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3240	.4290	.2970	.4030	.2730
.050	.1790	.1870	.1990	.2370	.2560
.100	.1430	.1520	.1720	.1690	.1640
.150	.0790	.0830	.1250	.1580	.1490
.200	-.0080	-.0140	.0230	.0380	.0090
.250	-.3140	-.5740	-.5740	-.5950	-.5110
.300	-.3140	-.4980	-.5700	-.5700	-.5080
.350		-.0310	-.5560	-.5560	-.5490

MACH (2) = 1.248 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5840	.5380	.3820	.4330	.2560
.050	.1530	-.1040	-.1720	-.1620	-.1470
.100	.1190	.0380	.0130	-.0720	.0130
.150	.0170	-.0380	.0280	.0230	.0220
.200	-.0850	-.1180	-.0750	-.0230	-.0180
.250	-.4430	-.6780	-.6020	-.6080	-.5170
.300	-.3470	-.5650	-.6130	-.6070	-.5240
.350		-.0490	-.6140	-.5990	-.5250

MACH (2) = 1.244 BETAT (4) = 4.100

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3050	.5090	.4070	.3700	.1650
.050	.1620	-.3310	-.5240	-.6110	-.6250
.100	.0650	-.0800	-.3040	-.4930	-.4890
.150	-.0740	-.1340	-.1870	-.2610	-.2410
.200					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBMV17)

AVES 11-797 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

MACH (2) = 1.244 BETAT (4) = 4.100

DEPENDENT VARIABLE CP

Z/BV	.158	.316	.600	.840	.925
Y/CV					
.520	-.1900	-.2490	-.1520	-.0830	-.0390
.650	-.4680	-.6680	-.6260	-.6210	-.4930
.775	-.3620	-.5550	-.6490	-.6260	-.5110
.900		-.0480	-.5850	-.6240	-.5030

MACH (2) = 1.245 BETAT (5) = 0.200

Z/BV	.158	.316	.600	.840	.925
Y/CV					
.000	.3360	.2960	.2820	.1790	-.0430
.150	.0100	-.4710	-.5630	-.6570	-.7450
.300	-.0480	-.1930	-.5440	-.6110	-.7250
.450	-.1670	-.2300	-.4970	-.3260	-.6380
.600	-.2750	-.3160	-.4170	-.4920	-.3410
.750	-.5410	-.6760	-.6620	-.6075	-.6610
.900	-.3950	-.5640	-.6970	-.5060	-.4650
		-.0410	-.5410	-.4660	-.4150

DATE 2: SEP 73 TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 CCA + S3 + T9 LEFT VERTICAL (RBM719) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8450 INCHES YMRP = .0000 INCHES
BREF = 39.8450 INCHES ZMRP = .0000 INCHES
SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 CP5INC = .500
RUDDER = -5.000 ELEVON = .000
RDEFUR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2810	.1440	-.1300	-.0520	-.1790
.050	.1750	.2550	.3400	.3960	.2670
.100	.1130	.2150	.2420	.1370	.1520
.150	.0880	.1380	.1450	.1530	.1430
.200	.0680	-.0700	.0710	-.0900	-.1650
.250	.0420	-.7490	-.7690	-.7870	-.6510
.300	-.0380	-.4870	-.7050	-.7460	-.6510
.350	-.0720	-.0710	-.6810	-.6790	-.6690

MACH (1) = 1.099 BETAT (2) = -4.080

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2630	.3250	.1760	.2800	.1450
.050	.0960	.0760	.1190	.1640	.1330
.100	.0450	.0240	.1040	.0250	.0120
.150	-.0300	-.0250	.0380	.0600	-.0130
.200	-.1130	-.1660	-.1100	-.1150	-.1650
.250	-.4450	-.7880	-.7960	-.8200	-.7390
.300	-.3950	-.5820	-.7710	-.7910	-.7210
.350	-.1030	-.7350	-.7350	-.7720	-.7660

MACH (1) = 1.098 BETAT (3) = .000

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5360	.4430	.2650	.3490	.1530
.050	.0310	-.2450	-.3180	-.3270	-.2990
.100	.0170	-.0930	-.1060	-.2260	-.1160
.150	-.1110	-.1690	-.1400	-.0870	-.0640
.200	-.2030	-.2640	-.1810	-.1530	-.1690
.250	-.6770	-.8280	-.8220	-.8340	-.7280
.300	-.6420	-.6420	-.8190	-.8300	-.7290
.350	-.1150	-.6100	-.6100	-.8120	-.7280

MACH (1) = 1.100 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3230	.3890	.2810	.2250	-.0000
.050	.0780	-.4970	-.7080	-.3460	-.6860
.100	-.0350	-.2030	-.4660	-.7350	-.7280
.150	-.1980	-.2730	-.3420	-.3060	-.4990
.200	-.3310	-.4170	-.2840	-.2320	-.1890
.250	-.5960	-.8170	-.8570	-.8340	-.7340
.300	-.4170	-.5580	-.7330	-.6820	-.7160
.350	-.1150	-.5180	-.4630	-.4630	-.4530

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 024 + S3 + T9 LEFT VERTICAL

(RBW/C8)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 0.260

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2480	.1910	.1240	.0070	.2380	
.050	-.0880	-.6480	-.7700	-.8330	-.9240	
.100	-.1530	-.3500	-.7590	-.7600	-.9010	
.150	-.2900	-.3680	-.7170	-.7200	-.8660	
.200	-.4120	-.4730	-.6130	-.6660	-.6360	
.250	-.6670	-.8100	-.8650	-.5730	-.5530	
.300	-.6340	-.6230	-.6850	-.5170	-.5100	
.350		-.1210	-.6140	-.5080	-.4800	

MACH (2) = 1.244 BETAT (1) = -0.140

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3070	.1430	.0120	.0130	.0870	
.050	.2790	.2740	.3890	.4140	.3650	
.100	.1520	.2240	.3070	.2370	.2680	
.150	.1060	.1800	.2240	.2420	.1720	
.200	.0790	.0350	.0550	.0530	-.0240	
.250	-.3120	-.5480	-.5530	-.5730	-.6890	
.300	-.3960	-.3960	-.5240	-.5460	-.4930	
.350		.0130	-.5050	-.4980	-.4970	

MACH (2) = 1.244 BETAT (2) = -4.060

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3030	.3820	.2570	.3740	.2750	
.050	.1410	.1550	.1740	.2190	.2480	
.100	.1040	.1170	.1520	.1240	.1690	
.150	.0410	.0610	.1080	.1360	.1140	
.200	-.0330	-.0590	.0050	.0370	-.0030	
.250	-.3520	-.5870	-.5840	-.5040	-.5180	
.300	-.3290	-.5060	-.5810	-.5750	-.5160	
.350		-.0350	-.5660	-.5510	-.5520	

MACH (2) = 1.247 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.5530	.5040	.3300	.3430	.2520	
.050	.1270	-.1270	-.2050	-.1920	-.1800	
.100	.0540	.0050	-.0110	-.0950	.0000	
.150	-.0170	-.0720	-.0640	-.0180	.0130	
.200	-.1110	-.1640	-.1000	-.0320	-.0220	
.250	-.5000	-.6250	-.6150	-.6380	-.5260	
.300	-.3530	-.5880	-.6270	-.6370	-.5280	
.350		-.0580	-.6230	-.6110	-.5430	

MACH (2) = 1.249 BETAT (4) = 4.120

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3550	.4480	.3480	.3200	.1090	
.050	.1510	-.3400	-.5270	-.6160	-.6370	
.100	.0430	-.1010	-.3300	-.5140	-.5060	
.150	-.1920	-.1620	-.2000	-.2460	-.2770	

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL (RBWV18)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.600	.840	.925
.520	-.2090	-.2860	-.1630	-.1120	-.0900
.650	-.4680	-.6540	-.6410	-.6190	-.5170
.775	-.3680	-.4740	-.6520	-.6270	-.5260
.900		-.0540	-.6090	-.6270	-.5290

MACH (2) = 1.245 BETAT (5) = 8.210

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3360	.2710	.2250	.1280	-.0800
.050	.0300	-.4860	-.5770	-.6520	-.7350
.150	-.0450	-.2040	-.5610	-.6070	-.7230
.300	-.1790	-.2570	-.5230	-.5410	-.5700
.520	-.2900	-.3490	-.4300	-.5160	-.3810
.650	-.5550	-.6890	-.6600	-.6440	-.6650
.775	-.3970	-.5400	-.6830	-.5280	-.4740
.900		-.0570	-.5290	-.4950	-.4330

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2647

ANES 11-707 IAS O2A + S3 + T9 LEFT VERTICAL

(RBNV19) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 6.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .500
 RUFLR = .500

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -6.180

Z/BV X/CV	.158	.316	.630	.840	.925
.020	.3010	.0340	-.1350	-.3990	-.0820
.050	.1190	.1680	.2960	.3330	.2900
.150	.0560	.1310	.2090	.1400	.1420
.300	.0130	.0850	.1510	.0430	.0430
.520	-.0240	-.0560	-.0510	-.0930	-.1900
.650	-.4770	-.7450	-.7560	-.7860	-.7050
.775	-.3760	-.4370	-.7040	-.7380	-.6900
.900		-.0660	-.6470	-.6710	-.6390

MACH (1) = 1.099 BETAT (2) = -4.080

Z/BV X/CV	.158	.316	.630	.840	.925
.020	.2520	.2960	.1360	.2390	.1010
.050	.0350	.0770	.1150	.1150	.1300
.150	-.0100	.0040	.0560	-.0110	.0170
.300	-.0820	-.0460	-.0070	.0210	-.0630
.520	-.1510	-.1520	-.1390	-.1450	-.1790
.650	-.5550	-.7890	-.8080	-.8330	-.7470
.775	-.4020	-.5990	-.7880	-.7540	-.7380
.900		-.1030	-.6390	-.7710	-.7810

MACH (1) = 1.114 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.840	.925
.020	.5090	.4240	.2220	.3020	.1970
.050	.0590	-.2640	-.3150	-.5180	-.3050
.150	-.0110	-.1030	-.1340	-.2330	-.1270
.300	-.1290	-.1810	-.1610	-.1040	-.1010
.520	-.2100	-.2530	-.2010	-.1810	-.1890
.650	-.6880	-.8210	-.8250	-.8440	-.7450
.775	-.3970	-.6530	-.8280	-.8360	-.7470
.900		-.1060	-.6140	-.7990	-.7580

MACH (1) = 1.109 BETAT (4) = 4.150

Z/BV X/CV	.158	.316	.630	.840	.925
.020	.2930	.3530	.2320	.1770	-.0570
.050	.0930	-.4960	-.7220	-.8410	-.8790
.150	-.0410	-.2220	-.4570	-.7450	-.7340
.300	-.1980	-.3010	-.3390	-.3240	-.4550
.520	-.3310	-.4560	-.3580	-.2680	-.2140
.650	-.6570	-.8160	-.8670	-.8380	-.7380
.775	-.4050	-.5750	-.7190	-.5750	-.6380
.900		-.1170	-.5380	-.4670	-.4310

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

(RBMV19)

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 8.280

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2480	.1520	.0950	-.0310	-.2710
.050	-.0840	-.6680	-.7700	-.8340	-.9230
.100	-.1760	-.3310	-.7550	-.7500	-.9300
.150	-.2780	-.3860	-.7110	-.7270	-.9050
.200	-.4100	-.4690	-.5760	-.7000	-.6900
.250	-.6820	-.8140	-.8540	-.6020	-.8890
.300	-.7750	-.6070	-.7200	-.5650	-.5290
.350		-.1300	-.9970	-.1530	-.4940

MACH (2) = 1.246 BETAT (1) = -8.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3430	.1480	.0020	.0400	.0650
.050	.1620	.2060	.3400	.3650	.3580
.100	.1080	.1670	.2700	.2180	.2200
.150	.0900	.1320	.1920	.2120	.1330
.200	.0340	.0390	.0400	.0130	-.0380
.250	-.4100	-.5510	-.5660	-.5810	-.5100
.300	-.7750	-.4600	-.5430	-.5500	-.5060
.350		.0320	.0080	-.5160	-.5030

MACH (2) = 1.280 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3240	.3530	.2080	.3310	.2030
.050	.1000	.1160	.1410	.1870	.2060
.100	.0730	.0940	.1170	.1050	.1160
.150	.0040	.0280	.0790	.1100	.0830
.200	-.0540	-.0470	-.0140	-.0280	-.0180
.250	-.4450	-.5770	-.5900	-.6340	-.5250
.300	-.7750	-.5430	-.5840	-.5830	-.5180
.350		.0370	-.5430	-.5820	-.5570

MACH (2) = 1.247 BETAT (3) = .010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5430	.4800	.2820	.3640	.1710
.050	.0850	-.1380	-.2080	-.1960	-.1710
.100	.0720	-.0150	-.0430	-.1230	-.0320
.150	-.0370	-.0920	-.0930	-.0250	.0030
.200	-.1230	-.1560	-.1160	-.0910	-.0370
.250	-.5270	-.6200	-.6180	-.6170	-.5280
.300	-.7750	-.6130	-.6290	-.6110	-.5320
.350		-.0550	-.5270	-.6010	-.5590

MACH (2) = 1.245 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3330	.4420	.3010	.2860	.0890
.050	.1630	-.3410	-.5120	-.6000	-.6310
.100	.0900	-.1050	-.3120	-.5240	-.4940
.150	-.0890	-.1810	-.1990	-.1930	-.2470

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2649

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RENN19)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.600	.840	.925
.520	-.2110	-.2830	-.1930	-.1170	-.0750
.650	-.5070	-.6520	-.6530	-.6320	-.5320
.775	-.3560	-.4820	-.6650	-.6450	-.5460
.900		-.0580	-.6190	-.6380	-.5630

MACH (2) = 1.244 BETAT (5) = 8.230

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3050	.2590	.1570	.0810	-.1100
.050	.0340	-.4880	-.5830	-.6520	-.7210
.150	-.0460	-.2330	-.5700	-.6050	-.7390
.300	-.1610	-.2750	-.5310	-.5540	-.5950
.520	-.2890	-.3540	-.4210	-.5370	-.6030
.650	-.5760	-.6770	-.6610	-.6970	-.7000
.775	-.3940	-.5480	-.6940	-.5600	-.5270
.900		-.0600	-.5330	-.5190	-.4640

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2659

AMES 11-707 1A9 Q2A + S3 + 19 LEFT VERTICAL

(RBMW20) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 S8.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 BREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUFLR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.160

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.000	.3350	.0130	-.1990	-.1960	-.1440
.050	.050	.0590	.1120	.2890	.3140	.2680
.100	.100	-.0760	.0840	.2200	.1300	.1270
.150	.150	-.0420	.0690	.1340	.1370	.0120
.200	.200	-.0280	-.0580	-.0720	-.1180	-.2150
.250	.250	-.5330	-.7360	-.7640	-.7880	-.7020
.300	.300	-.3740	-.4660	-.6830	-.7380	-.6910
.350	.350		-.0740	-.6500	-.6700	-.6830

MACH (1) = 1.101 BETAT (2) = -4.070

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.000	.2340	.2650	.0920	.1950	.0610
.050	.050	-.0460	-.0020	.0510	.0950	.1210
.100	.100	-.0520	-.0220	.0310	-.0040	.0420
.150	.150	-.1200	-.0830	-.0270	.0550	-.0380
.200	.200	-.1740	-.2010	-.1130	-.1420	-.1980
.250	.250	-.6210	-.7980	-.7850	-.8210	-.7470
.300	.300	-.4160	-.5530	-.7360	-.7830	-.7230
.350	.350		-.0960	-.7090	-.7480	-.7580

MACH (1) = 1.099 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.000	.4950	.4000	.1850	.2500	.0720
.050	.050	.0440	-.2820	-.3450	-.3450	-.3740
.100	.100	-.0340	-.1300	-.1470	-.2490	-.1530
.150	.150	-.1510	-.2080	-.1860	-.1290	-.1410
.200	.200	-.2280	-.2940	-.2160	-.2370	-.2100
.250	.250	-.7180	-.8340	-.8320	-.8490	-.7610
.300	.300	-.4130	-.6630	-.8310	-.8270	-.7540
.350	.350		-.1000	-.5340	-.6380	-.6340

MACH (1) = 1.100 BETAT (4) = 4.160

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.000	.2700	.3220	.1960	.1390	-.1000
.050	.050	.0890	-.4740	-.7110	-.8520	-.8940
.100	.100	-.0400	-.2350	-.4890	-.7490	-.7510
.150	.150	-.1970	-.3210	-.3610	-.3950	-.4750
.200	.200	-.3370	-.4300	-.3120	-.2870	-.2350
.250	.250	-.7300	-.8420	-.8600	-.7280	-.7480
.300	.300	-.3940	-.6240	-.6170	-.5080	-.4890
.350	.350		-.1320	-.5160	-.4870	-.4070

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2651

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(R8A20)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.300

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2450	.1210	.0430	-.0960	-.3100
.050	-.1060	-.6660	-.7820	-.8430	-.9260
.150	-.2030	-.3420	-.7720	-.7460	-.9360
.300	-.2970	-.4110	-.7240	-.7400	-.9340
.520	-.4150	-.4990	-.5470	-.7220	-.6160
.650	-.7010	-.8300	-.8480	-.6130	-.6370
.775	-.4250	-.6510	-.6830	-.5960	-.5310
.900		-.1470	-.5750	-.5930	-.4750

MACH (2) = 1.246 BETAT (1) = -8.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4270	.1270	-.0500	-.0090	.0400
.050	.1310	.1600	.3100	.3360	.3310
.150	.0690	.1220	.2450	.2080	.2250
.300	.0070	.0940	.1640	.2110	.1120
.520	-.0050	-.0130	.0120	.0130	-.0650
.650	-.4870	-.5640	-.5780	-.5860	-.5130
.775	-.3390	-.4990	-.5460	-.5600	-.5210
.900		.0010	-.5270	-.5210	-.5230

MACH (2) = 1.248 BETAT (2) = -4.040

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2950	.3300	.1770	.2820	.1990
.050	.0280	.0870	.1220	.1630	.1940
.150	.0360	.0640	.1000	.0810	.1170
.300	-.0370	-.0010	.0630	.1030	.0510
.520	-.0790	-.0860	-.0320	-.0140	-.0480
.650	-.4920	-.5910	-.6000	-.6060	-.5400
.775	-.3440	-.5670	-.5870	-.5980	-.5390
.900		-.0250	-.5730	-.5720	-.5700

MACH (2) = 1.245 BETAT (3) = .010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5350	.4640	.2330	.3010	.1630
.050	.0530	-.1710	-.2320	-.2040	-.1910
.150	.0480	-.0410	-.0560	-.1180	-.0460
.300	-.0580	-.1150	-.1070	-.0240	-.0320
.520	-.1400	-.1940	-.1320	-.0710	-.0730
.650	-.5430	-.6310	-.6260	-.6250	-.5510
.775	-.3630	-.6130	-.6340	-.6190	-.5470
.900		-.0580	-.6210	-.6140	-.5770

MACH (2) = 1.245 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3150	.3930	.2680	.2450	.0620
.050	.1770	-.3320	-.5020	-.5850	-.6440
.150	.0600	-.1240	-.3340	-.5340	-.5190
.300	-.0600	-.1830	-.2110	-.2020	-.2620

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

PAGE 2653

AMES 11-797 1A9 OCA + S3 + Y9 LEFT VERTICAL

(REHWZ1) (27 APR 75)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8 Y INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -9.000 OESINC = .500
 RUDDER = -10.000 ELEVAT = .500
 RUFLR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.170

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2880	.0870	.0330	.2010	.2350
.050	.5750	.5750	.5570	.5370	.4420
.100	.4830	.4680	.4350	.3950	.3150
.150	.3970	.3420	.3140	.2790	.1970
.200	.2070	.0940	.1130	.0630	-.0300
.250	-.2350	-.8260	-.8290	-.8570	-.6300
.300	-.775	-.4780	-.8000	-.8340	-.6550
.350	-.3200	-.1260	-.7850	-.8030	-.6590

MACH (1) = 1.104 BETAT (2) = -4.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6300	.4820	.3910	.5050	.4180
.050	.3870	.3490	.3650	.3570	.3080
.100	.3180	.3070	.2970	.2220	.2140
.150	.2440	.2290	.2050	.2040	.1410
.200	.1100	.0120	.0580	.0450	-.0120
.250	-.3680	-.8350	-.8470	-.8740	-.6760
.300	-.775	-.3470	-.6920	-.9050	-.6870
.350	-.1350	-.1350	-.8240	-.8580	-.6970

MACH (1) = 1.099 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7040	.6280	.5690	.6340	.4510
.050	.1020	-.1040	-.2000	-.1870	-.1650
.100	.1610	.0790	.0620	-.0520	.0580
.150	.0480	.0220	.0250	.0440	.0760
.200	-.0470	-.1110	-.0150	.0280	-.0170
.250	-.5040	-.8710	-.8700	-.9870	-.6750
.300	-.775	-.3860	-.7650	-.9480	-.7150
.350	-.1290	-.1290	-.7740	-.7910	-.6240

MACH (1) = 1.101 BETAT (4) = 4.150

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5460	.5840	.5310	.4930	.2570
.050	-.2660	-.3890	-.6350	-.8220	-.6370
.100	.0480	-.2470	-.4070	-.6660	-.6620
.150	-.0490	-.1470	-.2870	-.5250	-.5160
.200	-.1660	-.2320	-.1850	-.0540	-.0540
.250	-.5430	-.8070	-.8330	-.8910	-.6580
.300	-.775	-.4340	-.7770	-.8400	-.7220
.350	-.1530	-.1530	-.5530	-.5920	-.6410

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-737 1A9 OSA + S3 + T9 LEFT VERTICAL

(PSI/INCH)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 8.300

Z/BV X/CV	.158	.316	.632	.840	.925
.000	.0920	.3220	.3600	.2890	.0230
.050	-.5740	-.6040	-.7040	-.8110	-.9890
.100	-.0670	-.6260	-.6690	-.7770	-.9230
.150	-.1730	-.5810	-.6430	-.6770	-.9410
.200	-.2840	-.4530	-.6220	-.5650	-.8330
.250	-.3550	-.3250	-.8020	-.5650	-.7860
.300	-.4440	-.7970	-.7440	-.5460	-.5260
.350	-.1290	-.7150	-.5330	-.5330	-.5670

MACH (2) = 1.245 BETAT (1) = -8.120

Z/BV X/CV	.158	.316	.632	.840	.925
.000	.3410	.2530	.1980	.3290	.3560
.050	.5940	.6090	.6230	.6170	.5350
.100	.5040	.5190	.5160	.4590	.4140
.150	.4320	.4250	.4150	.3970	.3160
.200	.2980	.1950	.2950	.1950	.1150
.250	-.1260	-.5980	-.6150	-.6340	-.6330
.300	-.775	-.4330	-.5990	-.6170	-.4530
.350	-.2050	-.0360	-.5720	-.5810	-.4650

MACH (2) = 1.252 BETAT (2) = -4.050

Z/BV X/CV	.158	.316	.632	.840	.925
.000	.6780	.5830	.4880	.6000	.5140
.050	.4600	.3950	.3990	.4320	.3970
.100	.3760	.3340	.3580	.3190	.3150
.150	.2740	.2690	.2830	.3150	.2540
.200	.1640	.1080	.1660	.1720	.1210
.250	-.2470	-.6190	-.6200	-.6410	-.6530
.300	-.2650	-.5710	-.6220	-.6470	-.6770
.350	-.0540	-.0540	-.6130	-.6360	-.6850

MACH (2) = 1.290 BETAT (3) = .000

Z/BV X/CV	.158	.316	.632	.840	.925
.000	.7970	.6980	.6050	.6830	.5120
.050	.1710	.0110	-.1010	-.0890	-.0960
.100	.2440	.1730	.1410	.0680	.1330
.150	.1410	.0970	.1010	.1300	.1590
.200	.0360	-.0190	.0520	.1370	.1170
.250	-.3510	-.6520	-.6440	-.6150	-.6830
.300	-.3150	-.8220	-.6600	-.7300	-.8020
.350	-.0460	-.0460	-.6630	-.6540	-.6470

MACH (2) = 1.246 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.632	.840	.925
.000	.5850	.6540	.6070	.5780	.3650
.050	-.1810	-.2700	-.5170	-.5520	-.6090
.100	.2430	-.1760	-.4350	-.4620	-.4820
.150	.0460	-.0430	-.0870	-.3610	-.2570

DATE 21 SEP 73

INSULATED PRESSURE DATA - 1A9A

PAGE 2655

ANES 11-757 1A9 02A + S3 + T9 LEFT VERTICAL

(20421)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.130

Z/8V X/CV	.158	.316	.632	.843	.925
.520	-.0770	-.1370	-.0310	.0180	-.0750
.650	-.3860	-.6890	-.6840	-.6690	-.4870
.775	-.3370	-.6370	-.7040	-.7220	-.5250
.900		-.0670	-.6590	-.6820	-.4480

MACH (2) = 1.247 BETAT (5) = 8.260

Z/8V X/CV	.158	.316	.632	.843	.925
.000	.1930	.4570	.1790	.4020	.1600
.090	-.3310	-.4150	-.5150	-.6970	-.7570
.180	-.0330	-.4270	-.4870	-.5530	-.6870
.270	-.0800	-.4070	-.4450	-.5220	-.6670
.360	-.1860	-.3420	-.4300	-.3570	-.4010
.450	-.4110	-.7760	-.7540	-.4840	-.6420
.540	-.3710	-.6350	-.6410	-.4630	-.5040
.630		-.0470	-.5770	-.4600	-.4740

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RSMV22) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 26.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0330 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
 RUDDER = -10.000 ELEVON = .000
 RUDEL = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (1) = 1.101 BETAT (1) = -8.190

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2630	.0890	.0190	.1680	.1910
.050	.4920	.5260	.5150	.5010	.4090
.100	.4160	.4270	.3990	.3220	.2780
.150	.3400	.3100	.2880	.2570	.1740
.200	.1790	.0720	.0830	.0430	-.0520
.250	-.2420	-.8320	-.8330	-.8690	-.6420
.300	.650	-.2420	-.8330	-.8690	-.6420
.350	.775	-.3240	-.8090	-.8410	-.6620
.400	.900	-.1190	-.7900	-.8120	-.6780

MACH (1) = 1.097 BETAT (2) = -4.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6170	.4640	.3520	.4700	.3730
.050	.3400	.2870	.3210	.3280	.2750
.100	.2710	.2570	.2570	.1900	.1850
.150	.1870	.1910	.1760	.1820	.1160
.200	.0720	-.0180	.0320	.0230	-.0340
.250	-.3860	-.8570	-.8610	-.8910	-.6890
.300	.775	-.3580	-.8510	-.8080	-.7000
.350	.900	-.1390	-.8390	-.8750	-.7070

MACH (1) = 1.096 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6940	.5910	.5190	.6070	.4060
.050	.1040	-.1270	-.2280	-.2390	-.1620
.100	.1360	.0470	.0320	.0630	.0340
.150	.0220	-.0110	.0610	.0260	.0610
.200	-.0770	-.1320	-.0340	.0080	-.0300
.250	.650	-.5350	-.8830	-.8620	-.6890
.300	.775	-.3910	-.8670	-.9530	-.7280
.350	.900	-.1190	-.7640	-.7380	-.6330

MACH (1) = 1.100 BETAT (4) = 4.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5360	.5540	.4850	.4400	.2070
.050	-.2090	-.4100	-.6770	-.8340	-.8290
.100	.0250	-.2470	-.4010	-.6800	-.6770
.150	.0800	-.1650	-.2800	-.5230	-.5010
.200	-.1940	-.2550	-.1860	-.0750	-.0400
.250	.650	-.5530	-.9180	-.8680	-.6730
.300	.775	-.4220	-.7580	-.6750	-.7220
.350	.900	-.1380	-.5910	-.5230	-.6020

ANES 11-707 1A9 C2A + S3 + T9 LEFT VERTICAL

(08M122)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099	BETAT (5) = 3.280	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1010	.3050	.3250	.2450	-.0190
		.050	-.3300	-.6200	-.7160	-.8310	-.9920
		.150	-.1060	-.6530	-.6840	-.7700	-.9280
		.300	-.2050	-.4710	-.6500	-.6840	-.9500
		.500	-.3250	-.3910	-.6260	-.5930	-.4170
		.650	-.5600	-.9360	-.8410	-.5360	-.7430
		.775	-.4450	-.8100	-.7540	-.5120	-.4830
		.900		-.1240	-.6990	-.5120	-.5210

MACH (2) = 1.247 BETAT (1) = -6.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3030	.2380	.1760	.2940	.3100
.050	.5140	.5580	.5850	.5840	.5090
.150	.4330	.4750	.4800	.4310	.3890
.300	.3750	.3930	.3850	.3740	.2910
.500	.2610	.1740	.2070	.1110	.0370
.650	-.1270	-.6070	-.6060	-.6380	-.4430
.775	-.2120	-.4570	-.5930	-.6180	-.4630
.900		-.1030	-.5760	-.5930	-.4770

MACH (2) = 1.247 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6030	.5360	.4570	.5610	.4530
.050	.4280	.3590	.3610	.3950	.3650
.150	.3450	.2970	.3230	.2870	.2350
.300	.2450	.2050	.2520	.2810	.2250
.500	.1330	.0860	.1400	.1470	.0970
.650	-.2590	-.6920	-.6300	-.6520	-.4740
.775	-.2710	-.5900	-.6320	-.6510	-.4300
.900		-.0560	-.6250	-.6480	-.5370

MACH (2) = 1.250 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7820	.6660	.5580	.6360	.4540
.050	.1580	-.0100	-.1110	-.1000	-.1020
.150	.2220	.1470	.1150	.0540	.1150
.300	.1160	.0670	.0750	.1050	.1320
.500	.0130	-.1440	.0310	.1100	.0930
.650	-.3730	-.6580	-.6510	-.6560	-.4740
.775	-.3160	-.6280	-.6650	-.6970	-.5100
.900		-.0530	-.6660	-.6720	-.4660

MACH (2) = 1.250 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.9270	.6270	.5690	.5320	.3220
.050	-.1060	-.2970	-.5150	-.5970	-.6110
.150	.1210	-.1750	-.4240	-.4650	-.4680
.300	.0230	-.0510	-.0990	-.3720	-.2550

DATE: 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(33NN22)

AWES 11-707 1A3 C2A + S3 + 19 LEFT VERTICAL

SECTION 1: LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (4) = 4.120		Z/BV		.158		.316		.630		.840		.925	
		X/CV		.500		.650		.775		.900			
				-.0950		-.1560		-.0470		.0060		-.0260	
				-.3710		-.6870		-.6750		-.6710		-.4860	
				-.3370		-.6250		-.7030		-.7170		-.5190	
						-.0630		-.0240		-.0680		-.4510	
MACH (2) = 1.240 BETAT (5) = 3.230		Z/BV		.158		.316		.630		.840		.925	
		X/CV		.000		.1570		.4390		.6450		.9540	
				.050		-.1920		-.4270		-.6230		-.6880	
				.150		-.0400		-.4470		-.6930		-.6560	
				.300		-.1120		-.3750		-.6950		-.5580	
				.420		-.2070		-.2960		-.4310		-.3740	
				.650		-.4310		-.7160		-.7450		-.4750	
				.775		-.3620		-.6280		-.6450		-.4470	
				.900				-.0390		-.5350		-.4400	

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNV23) 127 APR 73

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 CGBINC = .500
 RUDDER = -10.000 ELEVON = .000
 RUDEF_R = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (1) = 1.099 BETAT (1) = -8.200

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3020	.0910	-.0150	.1280	.1460
.050	.4340	.4720	.4730	.4670	.3790
.100	.3630	.3820	.2630	.2930	.2520
.150	.2940	.2710	.2530	.2330	.1460
.200	.2390	.0420	.0530	.0190	-.0730
.250	-.2780	-.8450	-.8420	-.8780	-.6580
.300	.775	-.3350	-.8190	-.8480	-.6760
.350		-.1150	-.7590	-.8180	-.6970

MACH (1) = 1.097 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5760	.4440	.3220	.4920	.3240
.050	.3090	.2360	.2770	.3030	.2500
.100	.2310	.2020	.2230	.1640	.1600
.150	.1420	.1540	.1480	.1570	.0990
.200	.0370	-.0440	.0090	-.0020	-.0550
.250	-.4090	-.8570	-.8650	-.8930	-.7080
.300	.775	-.3690	-.7170	-.8580	-.7040
.350		-.1310	-.8410	-.8770	-.7220

MACH (1) = .101 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.6330	.5540	.4830	.5580	.3710
.050	.1180	-.1460	-.2370	-.2240	-.1720
.100	.1140	.0290	.0130	-.0750	.0130
.150	.0040	-.0410	-.0200	.0110	.0520
.200	-.0980	-.1510	-.0120	-.0130	-.0480
.250	-.5470	-.8790	-.8180	-.8950	-.6920
.300	.775	-.3930	-.7790	-.9430	-.7290
.350		-.1160	-.6090	-.7950	-.6550

MACH (1) = 1.102 BETAT (4) = 4.140

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5110	.5270	.4490	.4010	.1650
.050	-.0640	-.4200	-.6760	-.8370	-.8560
.100	.0110	-.2230	-.3930	-.6860	-.6860
.150	-.1090	-.1790	-.2850	-.4750	-.5080
.200	-.2220	-.2910	-.1940	-.3020	-.0480
.250	-.5660	-.9120	-.9810	-.7080	-.6930
.300	.775	-.4160	-.7450	-.5390	-.6710
.350		-.1310	-.5570	-.4970	-.4890

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBNV23)

AVES 11-707 1A9 02A + S3 + 79 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.098	BETAT (5) = 8.260	Z/BV X/CV	.153	.316	.610	.840	.925
		.000	.1440	.2820	.2830	.2020	-.0630
		.050	-.2980	-.6360	-.7110	-.8570	-.9960
		.100	-.1230	-.6680	-.7120	-.7720	-.9390
		.150	-.2270	-.3510	-.6640	-.6890	-.9530
		.200	-.3480	-.3960	-.6370	-.6060	-.4190
		.250	-.5930	-.9270	-.9270	-.5390	-.6740
		.300	-.776	-.7430	-.7730	-.5040	-.4560
		.350		-.1190	-.7110	-.5070	-.4890

MACH (2) = 1.248 BETAT (1) = -9.150

Z/BV X/CV	.158	.316	.610	.840	.925
.000	.2580	.2320	.1490	.2670	.2670
.050	.4620	.5090	.5510	.5490	.4790
.100	.3800	.4320	.4470	.4020	.3640
.150	.3310	.3540	.3580	.3510	.2660
.200	.2280	.1510	.1780	.1290	.0780
.250	-.1140	-.6040	-.6120	-.6390	-.4520
.300	-.2230	-.4640	-.5970	-.6160	-.4700
.350		-.0250	-.5790	-.5940	-.4870

MACH (2) = 1.249 BETAT (2) = -6.060

Z/BV X/CV	.158	.316	.610	.840	.925
.000	.5170	.5140	.4160	.5160	.4120
.050	.3940	.3130	.3230	.3560	.3320
.100	.3020	.2610	.2850	.2580	.2570
.150	.2110	.2030	.2230	.2510	.1990
.200	.1040	.0570	.1180	.1280	.0870
.250	-.2740	-.6360	-.6350	-.6540	-.4840
.300	-.2730	-.5940	-.6350	-.6450	-.4950
.350		-.0860	-.6270	-.6490	-.5210

MACH (2) = 1.248 BETAT (3) = .010

Z/BV X/CV	.158	.316	.610	.840	.925
.000	.7650	.6290	.5170	.5820	.4100
.050	.1700	-.0310	-.1270	-.1300	-.1140
.100	.1960	.1210	.0900	.0260	.0840
.150	.0950	.0430	.0500	.0840	.1040
.200	-.0150	-.0620	.0080	.0630	.0730
.250	-.3990	-.6630	-.6590	-.6630	-.4900
.300	-.775	-.6380	-.6720	-.6970	-.5190
.350		-.0550	-.6730	-.6780	-.4850

MACH (2) = 1.247 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.610	.840	.925
.000	.4660	.5940	.5240	.4820	.2700
.050	.1020	-.2980	-.3170	-.6070	-.6220
.100	.1100	-.1510	-.3910	-.4780	-.4800
.150	-.0090	-.0680	-.1230	-.3800	-.2630

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2861

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL (RBM#23)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.630	.840	.925
.520	-.1390	-.1880	-.0810	.0000	.0550
.650	-.3860	-.7060	-.6860	-.6750	-.4880
.775	-.3430	-.6220	-.7120	-.7160	-.5150
.900		-.0610	-.5350	-.6750	-.4630

MACH (2) = 1.246 BETAT (5) = 8.210

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.1520	.4130	.4060	.3180	.0740
.090	-.0860	-.4390	-.5350	-.6850	-.7610
.150	-.0400	-.4660	-.5080	-.6520	-.7050
.300	-.1260	-.2950	-.4640	-.5730	-.6670
.520	-.2350	-.2710	-.4380	-.3990	-.4020
.650	-.4510	-.7280	-.7470	-.4890	-.6470
.775	-.3680	-.6120	-.6830	-.4550	-.4670
.900		-.0360	-.5530	-.4380	-.4570

SARAWAK DATA

SRF =	2.4210	59.FT.	YRF =	28.3300	INCHES
LEF =	39.8490	INCHES	YRF =	.0000	INCHES
ZRF =	39.8490	INCHES	ZRF =	.0000	INCHES
SCALE =	.0300	SCALE			

SECTION : LEFT VERTICAL

WACH (1) = 1.150 BEAT (1) = -8.25

DEPENDENT VARIABLE CP

	Z/BV	X/CV			
1	.158	.316	.600	.840	.925
2	.3380	.0880	-.0400	.0990	.0940
3	.3690	.4160	.4360	.4290	.3440
4	.3020	.3350	.3270	.2640	.2190
5	.2450	.2340	.190	.2090	.1180
6	.1070	.2180	.1290	-.0110	-.0120
7	-.3020	-.8900	-.8900	-.8860	-.6790
8	-.3440	-.5580	-.8270	-.8520	-.6870
9		-.0990	-.8560	-.8240	-.7100

$$\text{MACH} (1) = 1.598 \quad \text{BETAT} (2) = -4.595$$

2/FV	1.58	316	.603	.840	.925
1/CV	.4710	.4165	.2930	.4010	.2820
.050	.2670	.1860	.2380	.2630	.2150
.150	.1840	.1550	.1870	.1320	.1300
.300	.0960	.1160	.1140	.1290	.0630
.500	.0060	.0730	.0190	.0310	.0790
.650	-.6430	-.8660	-.8700	-.9010	-.7220
.775	-.3760	-.7400	-.8640	-.8890	-.7140
.900		-.1320	-.8200	-.8840	-.7450

$$\text{WACH} (1) = 1.598 \text{ BETAT} (3) = .0350$$

Z/PV	.158	.316	.630	.840	.925
X/CV	.000	.6630	.5110	.4190	.5050
	.050	.1250	-.1090	-.2570	-.2130
.150	.0790	-.0640	-.5170	-.5950	-.5200
.300	-.0320	-.0780	-.0530	-.0260	.0150
.500	-.1360	-.1810	-.0850	-.0500	-.0790
.650	-.5670	-.8920	-.8970	-.9010	-.7150
.775	-.3680	-.7950	-.8980	-.9120	-.7440
.900		-.1170	-.6390	-.7010	-.6790

$$\text{MACH} (1) = 1.097 \quad \text{BETAT} (4) = 4.130$$

Z/BV	.158	.316	.633	.840	.925
X/CV	.4020	.4963	.4060	.3550	.1180
	.0370	.4493	.6870	.8440	.8680
	.150	.2150	.4240	.7000	.6990
	.306	.4010	.3060	.4330	.5230
	.520	.2580	.2110	.1320	.1020
	.650	.6020	.8950	.5870	.7010
	.775	.4090	.9040	.4580	.5400
	.900	.1310	.5990	.4410	.4150

ALPHAT =	-2.000	ORIGIN =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDELR =	.000		

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBMV24)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE Cp

MACH (1) = 1.101	BETAT (5) = 8.250	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.2110	.2640	.2350	.1510	-.1120
		.050	-.3260	-.6340	-.7540	-.8310	-.9080
		.100	-.1190	-.6700	-.7240	-.7790	-.9270
		.150	-.2470	-.2910	-.6780	-.6960	-.9540
		.200	-.3570	-.4150	-.6370	-.5880	-.4100
		.250	-.6510	-.9070	-.9480	-.5110	-.5240
		.300	-.775	-.7060	-.7590	-.4650	-.4150
		.350		-.1160	-.6770	-.4670	-.4510

MACH (2) = 1.246 BETAT (1) = -8.150

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3920	.2210	.1260	.2360	.2370
.050	.4310	.4470	.5790	.5140	.4480
.100	.3380	.3810	.4110	.3720	.3340
.150	.2820	.3160	.3210	.3280	.2340
.200	.1980	.1230	.1470	.1260	.0530
.250	-.1970	-.6180	-.6200	-.6480	-.4660
.300	-.2330	-.4940	-.6080	-.6280	-.4820
.350		-.0700	-.5910	-.6040	-.5030

MACH (2) = 1.249 BETAT (2) = -4.070

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.4150	.4890	.3740	.4810	.3650
.050	.3450	.2750	.2830	.3160	.2920
.100	.2580	.2240	.2460	.2290	.2260
.150	.1700	.1680	.1930	.2220	.1700
.200	.0720	.0350	.0680	.1020	.0670
.250	-.3250	-.6450	-.6430	-.6610	-.4980
.300	-.775	-.2840	-.6030	-.6470	-.5040
.350		-.0530	-.6370	-.6550	-.5340

MACH (2) = 1.249 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.7290	.5990	.4750	.5310	.3570
.050	.1690	-.0620	-.1340	-.1430	-.1350
.100	.1690	.0950	.0630	.0010	.0600
.150	.0690	.0160	.0220	.0550	.0710
.200	-.0390	-.0850	-.0180	.0600	.0520
.250	-.4290	-.6710	-.6640	-.6740	-.5140
.300	-.3150	-.6460	-.6810	-.6980	-.5260
.350		-.0620	-.6730	-.6840	-.5030

MACH (2) = 1.249 BETAT (4) = 4.110

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3820	.5670	.4800	.4400	.2280
.050	.1660	-.3150	-.5170	-.6100	-.6280
.100	.0840	-.1220	-.3590	-.4870	-.4870
.150	-.0300	-.0890	-.1410	-.3840	-.2540

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBNW24)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (2) = 1.248	BETAT (4) = 4.110	Z/BV	.158	.316	.620	.840	.925
		X/CV					
		.520	-.1630	-.2110	-.1070	-.0250	.0250
		.650	-.4110	-.7140	-.6870	-.6780	-.5010
		.775	-.3470	-.6310	-.7150	-.7150	-.5190
		.900		-.0510	-.5170	-.6360	-.4760
MACH (2) = 1.248	BETAT (5) = 8.200	Z/BV	.158	.316	.620	.840	.925
		X/CV					
		.000	.2170	.3750	.3630	.2750	.0340
		.050	-.1250	-.4540	-.5440	-.6750	-.7590
		.150	-.0110	-.4790	-.5180	-.6450	-.7150
		.300	-.1250	-.1830	-.4700	-.5750	-.6550
		.520	-.2330	-.2680	-.4370	-.4190	-.3880
		.650	-.4780	-.7320	-.7310	-.4780	-.6340
		.775	-.3570	-.6110	-.6950	-.4440	-.4460
		.900		-.0330	-.5370	-.4330	-.4330

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

PAGE 2663

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBWV23) (27 APR 75)

REFERENCE DATA

SREF = 2.4210 SR.FT. XWRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YWRP = .0000 INCHES
 BREF = 39.8490 INCHES ZWRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

A1 CHAT = .000 ORBINC = .500
 RUBBER = -10.000 ELEVON = .000
 RUFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (1) = 1.096 BETAT (1) = -6.200

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.2660	.0750	-.0750	.0280
	.050	.3070	.3670	.4040	.4020
	.150	.2460	.2970	.2380	.1950
	.300	.2000	.1960	.1990	.1930
	.520	.0790	-.0010	-.0140	-.0310
	.650	-.3290	-.8520	-.8550	-.8900
	.775	-.3500	-.5760	-.8320	-.8530
	.900	-.500	-.0990	-.8090	-.8260

MACH (1) = 1.095 BETAT (2) = -4.090

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.3530	.3820	.2520	.3580
	.050	.2050	.1460	.1940	.2290
	.150	.1360	.1160	.1540	.1030
	.300	.0540	.0720	.0830	.0990
	.520	-.0070	-.1020	-.0520	-.0540
	.650	-.4280	-.8780	-.8840	-.9100
	.775	-.3860	-.7070	-.8740	-.8050
	.900	-.500	-.1280	-.8100	-.8900

MACH (1) = 1.099 BETAT (3) = .020

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.6320	.5030	.3790	.4650
	.050	.1210	-.1970	-.2940	-.2830
	.150	.0570	-.0310	-.0490	-.1180
	.300	-.0590	-.1060	-.0780	-.0350
	.520	-.1630	-.1980	-.1050	-.0730
	.650	-.5850	-.9560	-.9020	-.8920
	.775	-.3980	-.7660	-.9040	-.8540
	.900	-.500	-.1200	-.6280	-.6530

MACH (1) = 1.100 BETAT (4) = 4.130

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.3210	.4620	.3720	.3150
	.050	.0660	-.4640	-.6860	-.8540
	.150	-.0290	-.2050	-.4550	-.7160
	.300	-.1630	-.2190	-.3290	-.3900
	.520	-.3070	-.3550	-.2290	-.1630
	.650	-.5880	-.9440	-.9190	-.6180
	.775	-.4270	-.7390	-.9250	-.4710
	.900	-.500	-.1170	-.6230	-.4520

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNV25)

SECTION (1) LEFT VERTICAL
DEPENDENT VARIABLE CP

MACH (1) = 1.096	BETAT (5) = 8.260	Z/BV	X/CV	.158	.316	.600	.840	.925
		.000	.2070	.2330	.1920	.0940		-.1660
		.050	-.1460	-.6460	-.7680	-.8460		-.9600
		.100	-.1340	-.6360	-.7490	-.7820		-.9140
		.150	-.2900	-.3240	-.7030	-.7030		-.9250
		.200	-.3780	-.4410	-.6450	-.5840		-.4930
		.250	-.6860	-.9120	-.9500	-.5100		-.4550
		.300	-.4410	-.6670	-.7350	-.4760		-.4400
		.350	-.1150	-.6920	-.4710	-.4940		
		.400						.925

MACH (2) = 1.246 BETAT (1) = -8.160

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3230	.1650	.0770	.1710	.1740	
.050	.3750	.3980	.4810	.4920	.4280	
.100	.2850	.3350	.3960	.3510	.3170	
.150	.2350	.2810	.2990	.3100	.2160	
.200	.1680	.1040	.1300	.1070	.0950	
.250	-.2220	-.6270	-.6530	-.6300	-.4760	
.300	-.775	-.4870	-.6140	-.6310	-.4910	
.350		-.5140	-.5950	-.6070	-.5560	

MACH (2) = 1.246 BETAT (2) = -4.070

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3610	.4490	.3290	.4460	.3330	
.050	.2840	.2540	.2690	.3070	.2850	
.100	.2150	.2010	.2260	.2200	.2150	
.150	.1370	.1450	.1750	.2080	.1570	
.200	.0440	.0180	.0690	.0870	.0440	
.250	-.3400	-.6490	-.6500	-.6670	-.5080	
.300	-.2890	-.6050	-.6500	-.6430	-.5070	
.350		-.0480	-.6420	-.6590	-.5340	

MACH (2) = 1.249 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.6650	.5750	.4330	.4890	.3130	
.050	.1710	-.0800	-.1490	-.1420	-.1320	
.100	.1460	.0730	.0430	-.0130	.0430	
.150	.0490	.0030	.0010	.0380	.0470	
.200	-.0610	-.1050	-.0400	.0350	.0290	
.250	-.4300	-.6760	-.6700	-.6750	-.5150	
.300	-.775	-.6520	-.6850	-.6960	-.5290	
.350		-.0660	-.6790	-.6880	-.5180	

MACH (2) = 1.251 BETAT (4) = 4.110

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3500	.5380	.4440	.4040	.1950	
.050	.1600	-.3240	-.5180	-.6140	-.6290	
.100	.0670	-.1500	-.3360	-.4940	-.4860	
.150	-.0540	-.1080	-.1640	-.3800	-.2580	
.200						

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RSMW25)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (2) = 1.251 BETAT (4) = 4.110

Z/BV	X/CV	.158	.316	.630	.840	.925
.520	-.1745	-.2280	-.1250	-.0200	.0010	.0010
.650	-.4410	-.7200	-.6920	-.6780	-.5090	-.5090
.775	-.3490	-.6310	-.7160	-.7130	-.5280	-.5280
.900		-.0920	-.5110	-.6390	-.4910	-.4910

MACH (2) = 1.248 BETAT (5) = 6.200

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.1400	.3440	.3300	.2330	-.0010	-.0010
.090	-.0480	-.4650	-.5610	-.6800	-.7580	-.7580
.180	-.0060	-.4310	-.5330	-.6450	-.7160	-.7160
.270	-.1320	-.1860	-.4750	-.5110	-.6590	-.6590
.360	-.2450	-.2930	-.4280	-.4290	-.3370	-.3370
.450	-.3240	-.7400	-.7230	-.4540	-.6100	-.6100
.540	-.3580	-.6060	-.7030	-.4210	-.4080	-.4080
.630		-.0360	-.5270	-.4220	-.4060	-.4060

DATE 21 SEP 79

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(REV. 25) (27 APR 79)

REFERENCE DATA

SREF = 2.4210 S3.FT. XMRP = 28.5300 INCHES
 LREF = 39.8493 INCHES YMRP = .0000 INCHES
 BREF = 39.8493 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 DEG. I = .500
 RUDDER = -10.000 ELEVON = .000
 RUFLER = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (1) = 1.099 BETAT (1) = -8.210

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.2180	.0440	-.0120	-.0240	-.0570	
.050	.2440	.3210	.3750	.3700	.2910	
.100	.1920	.2660	.2690	.2130	.1710	
.150	.1640	.1740	.1830	.1750	.1550	
.200	.0580	-.0250	-.0270	-.0530	.1450	
.250	-.3530	-.8540	-.8580	-.8340	-.6350	
.300	-.775	-.5740	-.8350	-.8550	-.6980	
.350		-.0860	-.8100	-.8290	-.7310	

MACH (1) = 1.099 BETAT (2) = -4.090

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.2880	.3570	.2750	.3130	.1570	
.050	.1350	.1140	.1820	.2030	.1610	
.100	.0890	.0920	.1320	.0800	.0790	
.150	.0120	.0200	.0600	.0790	.0120	
.200	-.0770	-.1230	-.0740	-.0790	-.1250	
.250	-.3880	-.8780	-.8870	-.9140	-.7420	
.300	-.775	-.7290	-.8780	-.8860	-.7250	
.350		-.1140	-.7690	-.8460	-.7620	

MACH (1) = 1.100 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.5790	.4660	.3190	.3990	.2130	
.050	.1060	-.2180	-.3020	-.2940	-.2660	
.100	.0320	-.0600	-.0780	-.1580	-.0580	
.150	-.0830	-.1320	-.1070	-.0670	-.0370	
.200	-.1890	-.2260	-.1390	-.0930	-.1150	
.250	-.6250	-.9140	-.9140	-.8460	-.7370	
.300	-.775	-.4010	-.7710	-.9020	-.7620	
.350		-.1170	-.6290	-.6030	-.6370	

MACH (1) = 1.103 BETAT (4) = 4.130

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.3040	.4230	.3290	.2690	.0350	
.050	.0560	-.4630	-.6990	-.8460	-.5770	
.100	-.0330	-.1800	-.4490	-.7140	-.7110	
.150	-.1870	-.2440	-.3180	-.2840	-.4970	
.200	-.3120	-.3770	-.2480	-.1920	-.1930	
.250	-.5990	-.9270	-.9220	-.6430	-.7220	
.300	-.775	-.4190	-.6050	-.9210	-.4850	
.350		-.1070	-.6020	-.4950	-.4250	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2689

ANES 11-757 1A9 02A + S3 + T9 LEFT VERTICAL

(PBBW268)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE OF

MACH (1) = 1.598 BETAT (5) = 6.260

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2170	.2110	.1570	.0570	-.2020
.050	-.0750	-.6400	-.7680	-.8340	-.9510
.100	-.1170	-.4680	-.7320	-.7630	-.8780
.150	-.2890	-.3470	-.7060	-.7580	-.8730
.200	-.4000	-.4510	-.6240	-.6190	-.5890
.250	-.7220	-.9130	-.9390	-.5390	-.4880
.300	-.4320	-.6240	-.7450	-.4950	-.4860
.350	-.1060	-.6810	-.6840	-.4840	-.4140

MACH (2) = 1.247 BETAT (1) = -8.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2720	.1320	.0420	.1180	.1300
.050	.3290	.3330	.4360	.4510	.3950
.100	.2290	.2800	.3460	.3160	.2840
.150	.1740	.2350	.2680	.2770	.1840
.200	.1360	.1810	.1900	.1810	.0130
.250	-.2850	-.6020	-.6330	-.6370	-.6870
.300	-.2630	-.5110	-.6210	-.6340	-.4940
.350	-.0040	-.6030	-.6790	-.6790	-.5150

MACH (2) = 1.250 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2920	.4230	.2880	.4000	.2670
.050	.1820	.2700	.2170	.2590	.2440
.100	.1470	.1590	.1840	.1800	.1780
.150	.0760	.1040	.1350	.1660	.1260
.200	-.0010	-.0200	.0390	.0630	.0220
.250	-.2970	-.6550	-.6520	-.6670	-.5130
.300	-.2930	-.6070	-.6560	-.6390	-.5100
.350	-.0470	-.6480	-.6600	-.6600	-.5400

MACH (2) = 1.248 BETAT (3) = .000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5970	.3410	.3770	.4910	.2380
.050	.1470	-.1090	-.1770	-.1660	-.1550
.100	.1160	.0390	.0120	-.0340	.0130
.150	.0170	-.0370	-.0300	.0140	.0140
.200	-.0880	-.1310	-.0660	.0200	.0100
.250	-.4430	-.6800	-.6770	-.6810	-.5130
.300	-.3330	-.6600	-.6910	-.6930	-.5310
.350	-.0650	-.6790	-.6910	-.6910	-.5200

MACH (2) = 1.246 BETAT (4) = 4.100

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2980	.5010	.3950	.3740	.1540
.050	.1580	-.5360	-.5240	-.6120	-.6310
.100	.0620	-.5820	-.3160	-.4960	-.6920
.150	-.0730	-.1360	-.2210	-.3070	-.2480

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBMV26)

ANES 11-707 1A9 CBA + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = 1.246	BETA (4) = 4.100	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.520	-.2000	-.2560	-.1250	-.0530	-.0270
		.650	-.4620	-.7290	-.6970	-.6900	-.5590
		.775	-.3560	-.6020	-.7210	-.7240	-.5310
		.900		-.0510	-.5460	-.6490	-.5020
MACH (2) = 1.247	BETA (5) = 8.200	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3130	.2820	.2740	.1730	-.0540
		.050	-.0110	-.4740	-.5700	-.6510	-.7420
		.150	-.0560	-.2040	-.5520	-.6090	-.7310
		.350	-.1700	-.2330	-.5090	-.5300	-.6250
		.520	-.2790	-.3250	-.4280	-.4940	-.5470
		.650	-.5470	-.7440	-.7180	-.4880	-.5780
		.775	-.3940	-.6370	-.7390	-.4410	-.4170
		.900		-.0490	-.5380	-.4450	-.4240

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2671

AMES 11-737 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNW27) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) LEFT VERTICAL

MACH (1) = 1.097 BETAT (1) = -0.200

DEPENDENT VARIABLE CP

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.2480	.0410	-.1300	-.0610	-.0430	
.050	.1550	.2460	.3350	.3360	.2680	
.100	.1070	.2160	.2360	.1850	.1470	
.150	.0870	.1320	.1460	.1500	.0493	
.200	.0180	-.0560	-.0510	-.0700	-.1540	
.250	-.3920	-.8640	-.8640	-.8940	-.7020	
.300	-.3670	-.5980	-.3430	-.8900	-.6890	
.350		-.0910	-.7720	-.8090	-.7240	

MACH (1) = 1.099 BETAT (2) = -4.080

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.2580	.3230	.1750	.2800	.1410	
.050	.0890	.0700	.1290	.1620	.1280	
.100	.0390	.0390	.0690	.0540	.0490	
.150	-.0340	-.0080	.0310	.0530	-.0160	
.200	-.1150	-.1430	.1040	.1030	-.1450	
.250	-.4370	-.8830	-.8920	-.9170	-.7530	
.300	-.3880	-.7450	-.8860	-.8470	-.7320	
.350		-.1160	-.6570	-.6950	-.7550	

MACH (1) = 1.100 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.5380	.4370	.2700	.3510	.1580	
.050	.0770	-.2430	-.3180	-.3240	-.3020	
.100	.0050	-.0850	-.1090	-.1760	-.1030	
.150	-.1080	-.1590	-.1420	-.0920	-.0770	
.200	-.2030	-.2550	-.1700	-.1250	-.1450	
.250	-.6780	-.9140	-.9180	-.7940	-.7530	
.300	-.3940	-.8120	-.9150	-.6370	-.7250	
.350		-.1190	-.6230	-.5560	-.5980	

MACH (1) = 1.099 BETAT (4) = 4.140

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.3230	.3780	.2850	.2190	-.1130	
.050	.0700	-.4990	-.7130	-.8480	-.8840	
.100	-.0400	-.2050	-.4570	-.7280	-.7290	
.150	-.1980	-.2750	-.3340	-.2880	-.4950	
.200	-.3350	-.3550	-.2680	-.2100	-.1760	
.250	-.6050	-.9080	-.9420	-.6390	-.7250	
.300	-.4170	-.5660	-.8530	-.4730	-.4920	
.350		-.1120	-.6300	-.4460	-.4190	

PARAMETRIC DATA

ALPHAT = 4.000 OGBINC = -.500
 RUDDER = -10.000 ELEVON = .000
 RUDDLR = .000

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(R54427)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (5) = 0.260

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2500	.1870	.1280	.0590	-.2340
.050	-.0930	-.6450	-.7680	-.8290	-.8910
.100	-.1430	-.9380	-.7550	-.7420	-.8760
.150	-.2780	-.3640	-.7100	-.7150	-.8440
.200	-.4090	-.4680	-.6160	-.6210	-.6260
.250	-.6880	-.9110	-.9220	-.9230	-.9380
.300	-.775	-.6440	-.7380	-.4930	-.9220
.350	.900	-.1130	-.6550	-.4780	-.5050

MACH (2) = 1.249 BETAT (1) = -0.190

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3030	.1450	.0170	.0720	.0880
.050	.2200	.2780	.3930	.4110	.3560
.100	.1580	.2300	.3120	.2840	.2570
.150	.1100	.1850	.2320	.2970	.1560
.200	.0820	.0530	.0820	.0650	.0040
.250	-.3130	-.6360	-.6550	-.6870	-.4880
.300	-.775	-.5500	-.6850	-.6350	-.4970
.350	.900	-.0060	-.6170	-.6100	-.5200

MACH (2) = 1.247 BETAT (2) = -0.060

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2960	.3860	.2100	.2750	.2450
.050	.1410	.1570	.1790	.2250	.2290
.100	.1030	.1210	.1500	.1540	.1480
.150	.0640	.0640	.1030	.1470	.1150
.200	-.0330	-.0470	.0150	.0490	.0170
.250	-.3610	-.6660	-.6630	-.6730	-.5200
.300	-.775	-.3050	-.6210	-.6430	-.5180
.350	.900	-.0470	-.5500	-.6650	-.5590

MACH (2) = 1.249 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5480	.5050	.2240	.3890	.2120
.050	.1300	-.1210	-.1940	-.1910	-.1820
.100	.0920	.0100	-.0170	-.0550	-.0160
.150	-.0120	-.0640	-.0580	-.0100	-.0120
.200	-.1070	-.1500	-.0870	-.0200	-.0180
.250	-.4950	-.6920	-.6800	-.6870	-.5320
.300	-.775	-.3390	-.6690	-.6920	-.5390
.350	.900	-.0700	-.6890	-.6970	-.5370

MACH (2) = 1.250 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3530	.4520	.3550	.3230	.1140
.050	.1490	-.3360	-.9240	-.6180	-.6370
.100	.0490	-.0680	-.3350	-.5030	-.5010
.150	-.0880	-.1570	-.2130	-.2780	-.2860

DATE 21 SEP 75 TABULATED PRESSURE DATA - 1A9A

020427Z

AVES 11-707 1A9 CEA + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (4) = 4.110

Z/BV	.156	.316	.650	.840	.925
X/CV					
.52C	-.2080	-.2740	-.1430	-.0880	-.0400
.650	-.4680	-.7180	-.7040	-.6890	-.5100
.775	-.3540	-.5510	-.7180	-.7160	-.5420
.900		-.0540	-.5500	-.6320	-.5180

MACH (2) = 1.246 BETAT (5) = 8.210

Z/EV	.158	.316	.650	.840	.925
X/CV					
.000	.3240	.2780	.2300	.1300	-.0780
.050	.0330	-.4870	-.5760	-.5310	-.7340
.150	-.0390	-.2170	-.5580	-.6180	-.7220
.300	-.1630	-.2530	-.5200	-.5390	-.5470
.520	-.2870	-.3380	-.4270	-.5160	-.3850
.695	-.5550	-.7440	-.7150	-.5390	-.3690
.775	-.3990	-.6210	-.7420	-.4770	-.4330
.900		-.0530	-.5600	-.4700	-.4440

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

REMARKS (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 6.000 ORBINC = .500
 RUDDER = -10.000 ELEVAT = .500
 RUDDLR = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (1) = 1.099	BETAT (1) = -8.190	Z/BV	X/CV	.158	.316	.600	.840	.925
		.000	.2960	.0240	-.1540	-.1210	-.1000	
		.050	.1110	.1730	.3010	.3310	.2570	
		.100	.0500	.1320	.2120	.1850	.1430	
		.150	.0100	.0890	.1520	.1450	.0360	
		.200	-.0260	-.0760	-.0330	-.0740	-.1760	
		.250	-.0820	-.0630	-.0540	-.0970	-.7010	
		.300	-.3720	-.5590	-.8240	-.8430	-.6840	
		.350		-.0860	-.7950	-.8120	-.7210	

MACH (1) = 1.098 BETAT (2) = -4.080

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2570	.2330	.1250	.2350	.1690	
.050	.0280	.0340	.0870	.1210	.0950	
.100	-.0150	.0070	.0880	.0220	.0230	
.150	-.0830	-.0490	.0060	.0200	-.0430	
.200	-.1500	-.1700	-.1250	-.1290	-.1640	
.250	-.5560	-.8940	-.8990	-.9960	-.7610	
.300	-.7750	-.7730	-.8930	-.7640	-.7200	
.350		-.1110	-.6050	-.5320	-.7020	

MACH (1) = 1.099 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.5140	.4260	.2220	.3010	.1090	
.050	.0630	-.2670	-.3270	-.3970	-.3210	
.100	-.0140	-.1040	-.1340	-.1900	-.1280	
.150	-.1300	-.1830	-.1660	-.1150	-.1090	
.200	-.2170	-.2710	-.1870	-.1570	-.1650	
.250	-.6990	-.9190	-.9120	-.5980	-.7450	
.300	-.7750	-.8080	-.8930	-.4230	-.5680	
.350		-.1140	-.6270	-.4820	-.4560	

MACH (1) = 1.102 BETAT (4) = 4.150

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2940	.3470	.2290	.1790	-.0560	
.050	.0760	-.2980	-.7160	-.8470	-.8670	
.100	.0420	-.2230	-.4680	-.7390	-.7390	
.150	-.2070	-.3020	.3570	-.3190	-.4980	
.200	-.3450	-.4140	-.2860	-.2450	-.2030	
.250	-.6450	-.9050	-.9440	-.5930	-.7010	
.300	-.7750	-.4100	-.3750	-.7730	-.4610	
.350		-.1240	-.6200	-.4420	-.4100	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2675

ANES 11-707 1A9 08A + S3 + T9 LEFT VERTICAL

(REMARKS)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.599 BETAT (5) = 0.280

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2450	.1550	.0920	-.0330	-.2700
.050	-.0870	-.6690	-.7710	-.8330	-.9250
.150	-.1700	-.3370	-.7590	-.7440	-.9310
.300	-.2790	-.3960	-.7130	-.7220	-.9040
.520	-.4180	-.4730	-.5760	-.6430	-.6110
.650	-.6990	-.9040	-.9180	-.9530	-.9790
.775	-.4260	-.6600	-.7120	-.5130	-.5080
.900		-.1230	-.6610	-.4720	-.4790

MACH (2) = 1.248 BETAT (1) = -0.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3170	.1430	-.0970	.0280	.0540
.050	.1680	.2190	.3540	.3750	.3210
.150	.1110	.1790	.2790	.2550	.2260
.300	.0560	.1370	.2020	.2220	.1550
.520	.0390	.0280	.0570	.0450	-.0180
.650	-.4140	-.6420	-.6400	-.6610	-.4990
.775	-.2880	-.5740	-.6350	-.6330	-.5040
.900		-.0080	-.6210	-.6100	-.5290

MACH (2) = 1.251 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3340	.3480	.2030	.3270	.2040
.050	.0980	.1220	.1490	.10	.1810
.150	.0700	.0920	.1220	.1100	.1280
.300	.0330	.0320	.0390	.1140	.0980
.520	-.0540	-.0570	-.1050	.0270	-.0220
.650	-.4480	-.6630	-.6640	-.6740	-.5320
.775	-.3130	-.6280	-.6590	-.6460	-.5240
.900		-.0340	-.6620	-.6650	-.5660

MACH (2) = 1.249 BETAT (3) = .010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5440	.4790	.2790	.3380	.1750
.050	.0660	-.1400	-.2150	-.2000	-.1960
.150	.0710	-.0150	-.0420	-.0790	-.0240
.300	-.0350	-.0920	-.0940	-.0360	-.0090
.520	-.1260	-.1670	-.1960	-.0360	-.0170
.650	-.5250	-.6940	-.6880	-.6860	-.5350
.775	-.3440	-.6770	-.7020	-.6920	-.5480
.900		-.0710	-.6950	-.6920	-.5590

MACH (2) = 1.245 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3450	.4150	.2980	.2830	.0720
.050	.1590	-.3420	-.5150	-.6020	-.6350
.150	.0460	-.1070	-.3230	-.5240	-.4970
.300	-.0930	-.1820	-.2060	-.1950	-.2310

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AMES 11-707 1A9 02.1 + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120

Z/BV	.158	.316	.600	.840	.925
X/CV					
.320	-.2110	-.2680	-.1670	-.0960	-.0620
.650	-.4830	-.7110	-.7150	-.6980	-.5410
.775	-.3460	-.5370	-.7320	-.7240	-.5640
.900		-.0640	-.5730	-.6460	-.5620

MACH (2) = 1.245 BETAT (5) = 8.230

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2870	.2530	.1890	.0820	-.0170
.050	.0320	-.4920	-.5950	-.6490	-.7250
.150	-.0530	-.2440	-.5720	-.6010	-.7220
.300	-.1590	-.2690	-.5340	-.5490	-.5840
.500	-.2880	-.3560	-.4180	-.5250	-.3900
.650	-.5830	-.7480	-.7150	-.5950	-.6330
.775	-.3970	-.6000	-.7450	-.5190	-.4610
.900		-.0950	-.5860	-.4960	-.4650

DATE 21 SEP 73 (R84V29) (27 APR 73)

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + 79 LEFT VERTICAL

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 8.0000 ORBINC = .930
RUDGER = -10.0000 ELEVON = .000
RUDFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL	MACH (1) = 1.099	BETAT (1) = -8.160	Z/BV	X/CV
			.000	.000
			.050	.0310
			.100	.0770
			.150	.0690
			.200	.0420
			.250	.0440
			.300	.0260
			.350	.0570
			.400	.0960
			.450	.0890
			.500	.0820
			.550	.0590
			.600	.0960
			.650	.0820
			.700	.0590
			.750	.0960
			.800	.0820
			.850	.0590
			.900	.0960
			.925	.0820

MACH (1) = 1.096 BETAT (2) = -4.070

Z/BV	X/CV
.000	.000
.050	.0200
.100	.0490
.150	.0770
.200	.0980
.250	.0980
.300	.0760
.350	.0520
.400	.0260
.450	.0010
.500	.0270
.550	.0520
.600	.0760
.650	.0980
.700	.0980
.750	.0760
.800	.0520
.850	.0260
.900	.0010
.925	.0270

MACH (1) = 1.098 BETAT (3) = .000

Z/BV	X/CV
.000	.000
.050	.0490
.100	.0770
.150	.0980
.200	.0980
.250	.0760
.300	.0520
.350	.0260
.400	.0010
.450	.0270
.500	.0520
.550	.0760
.600	.0980
.650	.0980
.700	.0760
.750	.0520
.800	.0260
.850	.0010
.900	.0270
.925	.0520

MACH (1) = 1.098 BETAT (4) = 4.150

Z/BV	X/CV
.000	.000
.050	.0740
.100	.0430
.150	.0230
.200	.0190
.250	.0390
.300	.0390
.350	.0410
.400	.0210
.450	.0210
.500	.0210
.550	.0210
.600	.0210
.650	.0210
.700	.0210
.750	.0210
.800	.0210
.850	.0210
.900	.0210
.925	.0210

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AMES 11-707 1A9 Q2A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (5) = 8.310

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2470	.1260	.0450	-.0920	-.3090
.050	-.1030	-.6680	-.8440	-.9240	-.9240
.100	-.1940	-.3360	-.7770	-.7440	-.9370
.150	-.2920	-.4130	-.7250	-.7390	-.9290
.200	-.4190	-.4890	-.5310	-.6850	-.6030
.250	-.7230	-.9300	-.9200	-.5610	-.6410
.300	-.4240	-.6770	-.7200	-.5340	-.5240
.350		-.1280	-.6490	-.5100	-.4710

MACH (2) = 1.247 BETAT (1) = -8.100

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.4260	.1270	-.0460	-.0140	.0450
.050	.1320	.1630	.3150	.3420	.3280
.100	.0760	.1250	.2440	.2420	.2290
.150	.0110	.0970	.1720	.2050	.1240
.200	.0020	.0040	.0340	.0430	-.0360
.250	-.4830	-.6490	-.6480	-.6830	-.5110
.300	-.3090	-.5980	-.6420	-.6420	-.5170
.350		-.1120	-.5260	-.6160	-.5450

MACH (2) = 1.249 BETAT (2) = -4.040

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2920	.3250	.1740	.2810	.1730
.050	.0280	.0880	.1240	.1680	.1810
.100	.0330	.0650	.0990	.1040	.1170
.150	-.0360	-.0110	.0620	.0890	.0640
.200	-.0780	-.0740	.0190	.0280	-.0310
.250	-.4910	-.6650	-.6680	-.6790	-.5440
.300	-.3270	-.6420	-.6700	-.6590	-.5390
.350		-.0420	-.6630	-.6630	-.5820

MACH (2') = 1.249 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5370	.4690	.2380	.2990	.1370
.050	.0620	-.1670	-.2280	-.2130	-.2480
.100	.0490	-.0450	-.0600	-.1000	-.0580
.150	-.0530	-.1090	-.1030	-.0530	-.0160
.200	-.1360	-.1870	-.1200	-.0390	-.0410
.250	-.5390	-.7100	-.6880	-.6880	-.5490
.300	-.3520	-.6810	-.7330	-.6870	-.5530
.350		-.0730	-.6970	-.6930	-.5680

MACH (2) = 1.249 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3170	.3950	.2520	.2370	.0420
.050	.1760	-.3260	-.5520	-.5940	-.6420
.100	.0620	-.1200	-.3380	-.5390	-.5210
.150	-.5810	-.1960	-.2130	-.2290	-.2670

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2679

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL (08MVP29)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE Cp

MACH (2) = 1.249	BETAT (4) = 4.130	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.520	-.2090	-.2740	-.1750	-.1370	-.0860
		.650	-.5510	-.7140	-.7090	-.7050	-.5480
		.775	-.3400	-.5700	-.7310	-.7290	-.5680
		.900		-.0710	-.5990	-.6900	-.5700
MACH (2) = 1.246	BETAT (5) = 6.250	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3780	.2340	.1480	.0490	-.1340
		.050	-.0010	-.4660	-.5850	-.6480	-.7090
		.150	-.0980	-.2380	-.5820	-.5900	-.7510
		.300	-.1640	-.2890	-.5390	-.5610	-.6370
		.520	-.2810	-.3660	-.3830	-.5470	-.4290
		.650	-.5770	-.7510	-.7090	-.6490	-.6890
		.775	-.3920	-.6010	-.7510	-.5600	-.5150
		.900		-.0670	-.5880	-.5580	-.5000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2689

(REMARKS) (27 APR 73)

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

REFERENCE DATA

SREF = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 BREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .03750 SCALE

PARAMETRIC DATA

ALPHAT = -8.0000 ORGINC = -.500
 RUDDER = -15.0000 ELEVON = .000
 RUDFLR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.180

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2860	.0800	.0380	.1960	.2370
.050	.5780	.5710	.5570	.5370	.4410
.100	.4810	.4680	.4350	.5570	.3130
.150	.3860	.3470	.3270	.2950	.2070
.200	.2090	.1060	.1610	.0940	-.0680
.250	-.2280	-.8930	-.9140	-.9420	-.8420
.300	.650	-.6650	-.8940	-.9270	-.6760
.350	.775	-.3160	-.6650	-.9270	-.6760
.400	.900	-.1430	-.8540	-.8740	-.6550

MACH (1) = 1.102 BETAT (2) = -4.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6350	.4840	.3820	.5080	.4180
.050	.3960	.3460	.3620	.3730	.3140
.100	.3130	.2980	.2920	.2300	.1160
.150	.2350	.2230	.2090	.2270	.1540
.200	.1030	.0430	.1160	.1890	-.0430
.250	-.3740	-.9260	-.9480	-.9560	-.7130
.300	.775	-.7470	-.9160	-.9190	-.7590
.350	.900	-.1580	-.7920	-.7470	-.6840

MACH (1) = 1.102 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7000	.6240	.5620	.6330	.4480
.050	.1080	-.1030	-.1970	-.1680	-.1550
.100	.1620	.0750	.0600	-.0340	.0660
.150	.0460	.0200	.0300	.0700	.1020
.200	-.0450	-.0800	.0350	.0740	-.0190
.250	.650	-.9090	-.9440	-.9880	-.6880
.300	.775	-.3950	-.8640	-.7270	-.6860
.350	.900	-.1430	-.7100	-.5780	-.5210

MACH (1) = 1.100 BETAT (4) = 4.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5460	.5830	.5270	.4920	.2560
.050	-.2640	-.3900	-.6430	-.8300	-.8490
.100	.0490	-.2470	-.4010	-.6700	-.6710
.150	-.0490	-.1470	-.2780	-.5160	-.5180
.200	-.1650	-.2060	-.1690	.0350	-.0350
.250	-.5420	-.9660	-.9190	-.5740	-.6700
.300	.775	-.8750	-.7670	-.5870	-.6860
.350	.900	-.1670	-.7150	-.5620	-.5320

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

PAGE 2882

AMES 11-707 1A9 02A + 33 + T9 LEFT VERTICAL

(REMOVED)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.152 BETAT (5) = 8.310

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.0930	.3260	.3610	.2820	.0070
.050	-.5780	-.6080	-.7050	-.8510	-1.0030
.100	-.0630	-.6250	-.6680	-.7720	-.9340
.150	-.1670	-.5870	-.6420	-.6800	-.9690
.200	-.2900	-.4480	-.6240	-.5820	-.3810
.250	-.5560	-.5890	-.7320	-.5770	-.8140
.300	-.775	-.4620	-.8740	-.5740	-.5810
.350		-.1350	-.7180	-.5620	-.6140

MACH (2) = 1.244 BETAT (1) = -8.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3490	.2420	.1930	.3180	.3470
.050	.6040	.6360	.6220	.6240	.5410
.100	.5060	.5180	.5190	.4370	.4230
.150	.4310	.4230	.4200	.4060	.3220
.200	.2980	.2180	.2960	.2320	.0830
.250	-.1230	-.6720	-.6840	-.7030	-.4460
.300	.680	-.5160	-.6750	.6870	-.4720
.350	-.2220	-.0410	-.6480	-.6900	-.6700

MACH (2) = 1.245 BETAT (2) = -4.050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6750	.5570	.4860	.5980	.5040
.050	.4730	.3900	.3970	.4350	.3990
.100	.3810	.3310	.3570	.2900	.3200
.150	.2750	.2660	.2830	.3380	.2570
.200	.1650	.1140	.2200	.2140	.0910
.250	-.2510	-.6940	-.7020	-.7130	-.4760
.300	.775	-.2780	-.6560	-.7020	-.5560
.350		-.0570	-.6670	-.7260	-.6960

MACH (2) = 1.248 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7990	.7010	.6120	.6830	.5120
.050	.1710	.0090	-.0950	-.0890	-.0970
.100	.2420	.1700	.1500	.0780	.1360
.150	.3340	.0920	.0990	.1330	.1620
.200	.0360	-.1140	.0950	.1830	.1100
.250	-.3510	-.7170	-.7120	-.7130	-.6820
.300	-.3280	-.6960	-.7130	-.7760	-.9210
.350		-.1110	-.6500	-.7240	-.6620

MACH (2) = 1.245 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5840	.6560	.6100	.5750	.3600
.050	-.1770	-.2700	-.5150	-.5940	-.6070
.100	.1440	-.1730	-.4320	-.4720	-.4600
.150	.0450	-.0470	-.0860	-.3650	-.2490

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

MACH (2) = 1.245 BETAT (4) = 4.130						
		Z/BV	.158	.316	.630	.840 .925
		X/CV				
	.520	-.0750	-.1270	-.0030	.0810	.0160
	.650	-.3850	-.7370	-.7370	-.6650	-.4950
	.775	-.3460	-.7110	-.7450	-.7010	-.5360
	.900		-.0750	-.5720	-.5460	-.4610
MACH (2) = 1.247 BETAT (5) = 8.250						
		Z/BV	.158	.316	.630	.840 .925
		X/CV				
	.070	.1920	.4990	.4780	.4360	.1490
	.090	-.3370	-.4180	-.5160	-.6940	-.7620
	.150	-.0380	-.4350	-.4830	-.6620	-.6950
	.300	-.0840	-.4040	-.4470	-.5170	-.6720
	.520	-.1860	-.3360	-.4300	-.4610	-.3770
	.650	-.4120	-.7370	-.6650	-.6890	-.6420
	.775	-.3810	-.7060	-.6310	-.6510	-.5580
	.900		-.0630	-.6130	-.4780	-.5100

DATE 21 SEP 73

TABULATED PRESSURE DATA - IAC

PAGE 2883

AWES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(683961) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 OBBINC = .000
 RIDDER = -15.000 ELEVEN = .000
 REFLR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.171 BETAT (1) = -0.190

Z/BV X/CV	.158	.316	.633	.840	.925
.000	.2820	.0950	.0180	.1570	.1890
.050	.4980	.5190	.5170	.5030	.4070
.100	.4110	.4250	.4000	.3280	.2810
.150	.3390	.2090	.2890	.2070	.1780
.200	.1700	.0950	.1370	.0680	-.0810
.250	-.2400	-.0040	-.0260	-.0450	-.6390
.300	-.1300	-.6860	-.9030	-.9210	-.6880
.350	-.1390	-.8490	-.7560	-.6770	-.6770

MACH (1) = 1.101 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.633	.840	.925
.000	.6180	.4630	.3530	.4680	.3740
.050	.3520	.3220	.3360	.3360	.2830
.100	.2720	.2540	.2580	.2220	.1910
.150	.1880	.1930	.1810	.2050	.1270
.200	.0750	.0220	.0930	.0880	-.0580
.250	-.3840	-.9280	-.9430	-.7170	-.7230
.300	-.3640	-.7530	-.5040	-.6370	-.6770
.350	-.1570	-.7050	-.6060	-.6060	-.6360

MACH (1) = 1.099 BETAT (3) = .020

Z/BV X/CV	.158	.316	.633	.840	.925
.000	.6970	.5940	.5210	.6010	.4050
.050	.1050	-.1250	-.2230	-.2060	-.1620
.100	.1370	.0490	.0360	.0460	.0400
.150	.0200	.0100	.0000	.0530	.0820
.200	-.0740	-.1250	.0130	.0530	-.0390
.250	-.5290	-.9470	-.8030	-.5590	-.7000
.300	-.3970	-.8540	-.7300	-.5830	-.6280
.350	-.1360	-.7140	-.5630	-.5150	-.5150

MACH (1) = 1.068 BETAT (4) = 4.140

Z/BV X/CV	.158	.316	.633	.840	.925
.000	.5380	.5570	.4890	.4410	.2080
.050	-.2100	-.4140	-.6380	-.8330	-.8350
.100	.0230	-.2510	-.4140	-.6800	-.6770
.150	-.5820	-.1640	-.2880	-.5060	-.4910
.200	-.1930	-.2490	-.1690	-.0510	-.0370
.250	-.5540	-.9710	-.8960	-.5970	-.6820
.300	-.4350	-.8350	-.7460	-.5630	-.6500
.350	-.1550	-.7030	-.5310	-.4370	-.4370

DATE 21 SEP 79

TABULATED PRESSURE DATA - 1A9A

(RBNV31)

ANES 11-707 1A9 02A + S3 + 19 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CF

MACH (1) = 1.097	BETAT (5) = 8.280	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1030	.3090	.3230	.2470	-.0320
		.050	-.3210	-.6280	-.7170	-.8480	-1.0030
		.100	-.1050	-.6580	-.6860	-.7630	-.9380
		.150	-.2110	-.4800	-.6510	-.6850	-.9680
		.200	-.3280	-.3920	-.6270	-.5910	-.3820
		.250	-.5630	-.3810	-.7770	-.5570	-.7860
		.300	-.4520	-.8930	-.7480	-.5560	-.5430
		.350		-.1340	-.7250	-.5530	-.5970

MACH (2) = 1.247 BETAT (1) = -8.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3090	.2410	.1760	.2940	.3150
.050	.5170	.5560	.5650	.5870	.5100
.100	.4340	.4760	.4890	.4060	.3930
.150	.3730	.3680	.3890	.3810	.2950
.200	.2600	.1810	.2700	.2080	.0650
.250	-.1290	-.6750	-.6860	-.7050	-.4560
.300	-.2220	-.5300	-.5770	-.6830	-.4610
.350		-.0480	-.6940	-.6930	-.4130

MACH (2) = 1.248 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6190	.5410	.4540	.5620	.4670
.050	.4420	.3550	.3630	.3980	.3740
.100	.3440	.2990	.3290	.2610	.2930
.150	.2420	.2370	.2560	.1300	.2340
.200	.1350	.0960	.1990	.1950	.0740
.250	-.2580	-.6260	-.7020	-.7150	-.4910
.300	-.2820	-.6610	-.7780	-.7340	-.5130
.350		-.0670	-.6730	-.7260	-.5110

MACH (2) = 1.251 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7820	.6630	.5580	.6330	.4610
.050	.1470	-.0100	-.1080	-.1090	-.1010
.100	.2230	.1470	.1270	.1010	.1110
.150	.1110	.0650	.0720	.1140	.1370
.200	.0100	-.0360	.0730	.1570	.0880
.250	-.3730	-.7190	-.7090	-.7090	-.4930
.300	-.3290	-.7010	-.7090	-.7680	-.5370
.350		-.0630	-.5870	-.6920	-.4770

MACH (2) = 1.251 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5200	.1260	.5660	.5280	.3160
.050	-.0610	-.2910	-.5130	-.5910	-.6100
.100	.1190	-.1780	-.4210	-.4740	-.4660
.150	.0180	-.0530	-.1000	-.3680	-.2250

DATE 21 SEP 73 TUBULATED PRESSURE DATA - 1A9A

(RBMV31)

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = 1.231 BETAT (4) = 4.120

Z/BV	.158	.316	.600	.840	.925
X/CV					
.520	-.0960	-.1330	-.0220	.0660	.0580
.650	-.3710	-.7380	-.7320	-.6070	-.4990
.775	-.3470	-.7030	-.7350	-.5570	-.5280
.900		-.0750	-.5680	-.5080	-.4570

MACH (2) = 1.230 BETAT (5) = 8.230

Z/BV	.158	.316	.670	.840	.925
X/CV					
.000	.1520	.4450	.4490	.3650	.1150
.050	-.2100	-.4200	-.5240	-.6890	-.7600
.150	-.0420	-.4480	-.4890	-.6630	-.6970
.300	-.1070	-.3780	-.4900	-.5060	-.6680
.520	-.2020	-.2940	-.4290	-.3570	-.3860
.650	-.4320	-.7600	-.7100	-.4700	-.6420
.775	-.3760	-.6990	-.6560	-.4700	-.5160
.900		-.0610	-.6110	-.4670	-.4980

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBMV52) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LR.FP = 39.8490 INCHES YMRP = .0000 INCHES
SR.FP = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .03000 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUDFLR = .000

SECTION (1) LEFT VERTICAL

MACH (1) = 1.100 BETAT (1) = -0.200		DEPENDENT VARIABLE UP	
		Z/BV	X/CV
		.158	.316
		.000	.1020
		.050	.3040
		.150	.4420
		.300	.4820
		.450	.4720
		.600	.3670
		.750	.3030
		.900	.2550
		.050	.2620
		.200	.2440
		.350	.1550
		.500	.1170
		.650	.0560
		.800	.0000
		.950	-.0930
		.000	-.2770
		.150	-.4350
		.300	-.5800
		.450	-.6720
		.600	-.6920
		.750	-.6770
		.900	-.6920

SECTION (2) LEFT VERTICAL

MACH (1) = 1.098 BETAT (2) = -4.050		DEPENDENT VARIABLE UP	
		Z/BV	X/CV
		.158	.316
		.000	.1020
		.050	.3040
		.150	.4420
		.300	.4820
		.450	.4720
		.600	.3670
		.750	.3030
		.900	.2550
		.050	.2620
		.200	.2440
		.350	.1550
		.500	.1170
		.650	.0560
		.800	.0000
		.950	-.0930
		.000	-.2770
		.150	-.4350
		.300	-.5800
		.450	-.6720
		.600	-.6920
		.750	-.6770
		.900	-.6920

SECTION (3) LEFT VERTICAL

MACH (1) = 1.100 BETAT (3) = .020		DEPENDENT VARIABLE UP	
		Z/BV	X/CV
		.158	.316
		.000	.1020
		.050	.3040
		.150	.4420
		.300	.4820
		.450	.4720
		.600	.3670
		.750	.3030
		.900	.2550
		.050	.2620
		.200	.2440
		.350	.1550
		.500	.1170
		.650	.0560
		.800	.0000
		.950	-.0930
		.000	-.2770
		.150	-.4350
		.300	-.5800
		.450	-.6720
		.600	-.6920
		.750	-.6770
		.900	-.6920

SECTION (4) LEFT VERTICAL

MACH (1) = 1.102 BETAT (4) = 4.130		DEPENDENT VARIABLE UP	
		Z/BV	X/CV
		.158	.316
		.000	.1020
		.050	.3040
		.150	.4420
		.300	.4820
		.450	.4720
		.600	.3670
		.750	.3030
		.900	.2550
		.050	.2620
		.200	.2440
		.350	.1550
		.500	.1170
		.650	.0560
		.800	.0000
		.950	-.0930
		.000	-.2770
		.150	-.4350
		.300	-.5800
		.450	-.6720
		.600	-.6920
		.750	-.6770
		.900	-.6920

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

PAGE 2687

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBH032)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE C=

MACH (1) = 1.101 BETAT (5) = 8.260

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.1460	.2930	.2860	.2020	-.0770
.050	-.2680	-.6360	-.7290	-.8490	-.9950
.100	-.1220	-.6640	-.7010	-.7680	-.9320
.150	-.2320	-.3410	-.6560	-.6650	-.9550
.200	-.3430	-.3950	-.6300	-.6010	-.9880
.250	-.5980	-.9720	-.6120	-.5350	-.7320
.300	-.4410	-.8470	-.7750	-.5320	-.5160
.350		-.1240	-.7370	-.5460	-.5590

MACH (2) = 1.249 BETAT (1) = -8.150

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2580	.2380	.1580	.2690	.2750
.050	.4720	.5080	.5520	.5540	.4850
.100	.3850	.4340	.4560	.3800	.3700
.150	.3300	.3570	.3630	.3620	.2720
.200	.2320	.1670	.2440	.1870	.0450
.250	-.1410	-.6760	-.6850	-.7050	-.4660
.300	-.2350	-.5420	-.6790	-.6760	-.4830
.350		-.0350	-.6580	-.6940	-.4910

MACH (2) = 1.293 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5190	.5140	.4150	.5170	.4130
.050	.3990	.3160	.3230	.3570	.3360
.100	.3040	.2620	.2920	.2370	.2640
.150	.2080	.2030	.2270	.2750	.2070
.200	.1040	.0650	.1710	.1750	.0590
.250	-.2710	-.6980	-.7020	-.7120	-.5230
.300	-.2850	-.6920	-.7050	-.7230	-.5160
.350		-.0580	-.6680	-.7230	-.5210

MACH (2) = 1.293 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.7670	.6320	.5130	.5850	.4110
.050	.1560	-.0330	-.1250	-.1180	-.1170
.100	.2000	.1210	.1030	-.0310	.0850
.150	.0920	.0400	.0490	.0910	.1090
.200	-.0160	-.0590	.0490	.1300	.0650
.250	-.4000	-.7240	-.7240	-.7090	-.5130
.300	-.3280	-.7070	-.7120	-.7610	-.5360
.350		-.0680	-.5870	-.6730	-.4920

MACH (2) = 1.246 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.4640	.5950	.5220	.4820	.2740
.050	.1040	-.3020	-.5130	-.6040	-.6190
.100	.1120	-.1490	-.3780	-.4830	-.4770
.150	-.0090	-.0690	-.1210	-.3770	-.2360

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

(REMOVED)

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (2) = 1.246 BETAT (4) = 4.110

Z/BV	X/CV	CP
.520	-.1370	-.1870
.650	-.3840	-.7380
.775	-.3520	-.7080
.900		-.0760

MACH (2) = 1.246 BETAT (5) = 8.210

Z/BV	X/CV	CP
.520	.1540	.4130
.650	-.0770	-.4420
.775	-.0410	-.4660
.900	-.1280	-.2910
	-.2320	-.2670
	-.4530	-.7620
	-.3790	-.6820
		-.0610

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2639

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNM33) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 ORBINC = .500
 RUDDER = -15.000 ELEVON = .000
 RUDEFL = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.200

Z/DV	.158	.316	.630	.840	.925
X/CV	.000	.3410	.1000	-.0370	.0890
	.050	.3770	.4170	.4450	.4370
	.150	.3060	.3420	.3350	.2900
	.300	.2530	.2380	.2230	.1290
	.520	.1190	.0390	.0300	-.1350
	.650	-.2870	-.9070	-.9270	-.9250
	.775	-.3460	-.6960	-.9060	-.8990
	.900		-.1030	-.8060	-.676

MACH (1) = 1.101 BETAT (2) = -4.090

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.4750	.4210	.2960	.4000
	.050	.2740	.1970	.2380	.2630
	.150	.1880	.1540	.1860	.1180
	.300	.0940	.1140	.1160	.1590
	.520	.0740	-.0780	.0410	.0200
	.650	-.4480	-.9320	-.9480	-.5550
	.775	-.3920	-.7790	-.8650	-.5650
	.900		-.1290	-.6980	-.5520

MACH (1) = 1.100 BETAT (3) = .020

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.6640	.5170	.4230	.5120
	.050	.1240	-.1670	-.2610	-.2140
	.150	.0800	-.0760	-.0190	-.1150
	.300	-.0330	-.0770	-.0540	-.0310
	.520	-.1360	-.1750	-.0410	-.0560
	.650	-.5710	-.9550	-.7640	-.5150
	.775	-.3980	-.8340	-.7210	-.5260
	.900		-.1260	-.7060	-.5190

MACH (1) = 1.101 BETAT (4) = 4.130

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.3970	.4950	.4070	.3540
	.050	.0380	-.4500	-.6860	-.8420
	.150	-.0190	-.2180	-.4180	-.7030
	.300	-.1510	-.2040	-.3000	-.3940
	.520	-.2560	-.3170	-.1820	-.0630
	.650	-.6020	-.9840	-.9380	-.5020
	.775	-.4240	-.8620	-.7750	-.5210
	.900		-.1420	-.7160	-.5160

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2630

AVES 11-707 1A9 OBA + S3 + T9 LEFT VERTICAL

(RBM453)

SECTION (3) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.250

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.2060	.2680	.2410	.1590
	.050	-.3280	-.6340	-.7520	-.8470
	.150	-.1190	-.6650	-.7220	-.7720
	.300	-.2480	-.2920	-.6720	-.6890
	.520	-.3560	-.4160	-.6320	-.5910
	.650	-.6510	-.9650	-.8280	-.5060
	.775	-.4370	-.8390	-.7870	-.5510
	.900		-.1160	-.6960	-.5140

MACH (2) = 1.247 BETAT (1) = -8.150

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.4010	.2210	.1290	.2330
	.050	.4410	.4480	.5110	.5180
	.150	.3410	.3870	.4180	.3420
	.300	.2820	.3160	.3300	.3350
	.520	.2000	.1280	.2110	.1630
	.650	-.1970	-.6850	-.6940	-.7100
	.775	-.2570	-.5620	-.6870	-.6830
	.900		-.1020	-.6680	-.7000

MACH (2) = 1.246 BETAT (2) = -4.060

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.4110	.4920	.3780	.4800
	.050	.3480	.2750	.2830	.3190
	.150	.2610	.2270	.2420	.2100
	.300	.1680	.1670	.1950	.2350
	.520	.0790	.0390	.1400	.1480
	.650	-.3250	-.7030	-.7050	-.7170
	.775	-.3010	-.6720	-.7140	-.7210
	.900		-.0590	-.6750	-.7300

MACH (2) = 1.250 BETAT (3) = .020

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.7290	.5980	.4640	.5320
	.050	.1690	-.0660	-.1410	-.1310
	.150	.1720	.0980	.0750	-.0580
	.300	.0670	.0160	.0230	.0650
	.520	-.0400	-.0810	.0220	.1040
	.650	-.4260	-.7230	-.7200	-.6960
	.775	-.3320	-.7100	-.7110	-.7280
	.900		-.5670	-.5860	-.6290

MACH (2) = 1.250 BETAT (4) = 4.110

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.3870	.5700	.4890	.4450
	.050	.1640	-.3130	-.5160	-.6070
	.150	.0830	-.1240	-.3570	-.4940
	.300	-.0340	-.0900	-.1430	-.3830

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2691

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNW33)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (4) = 4.110

Z/BV	.158	.316	.620	.840	.925
X/CV					
	.520	-.1620	-.2070	-.0780	.0250
	.650	-.4090	-.7540	-.7410	-.4580
	.775	-.3580	-.7060	-.6620	-.4710
	.900		-.0690	-.5920	-.4670
					-.4180

MACH (2) = 1.248 BETAT (5) = 8.200

Z/BV	.158	.316	.620	.840	.925
X/CV					
	.000	.2320	.3790	.3700	.2740
	.050	-.1920	-.4510	-.5440	-.6730
	.150	-.0090	-.4750	-.5130	-.6430
	.300	-.1210	-.1760	-.4640	-.4980
	.520	-.2280	-.2640	-.4340	-.4060
	.650	-.4740	-.7610	-.7450	-.4410
	.775	-.3610	-.6840	-.6360	-.4440
	.900		-.0580	-.6010	-.4400
					-.4540

DATE 21 SEP 75 TABULATED PRESSURE DATA - 1A2A

AVES 11-707 1A9 08A + S3 + T9 LEFT VERTICAL (RENNV34) (27 APR 75)

REFERENCE DATA
 SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA
 ALPHAT = .000 ORBINC = .500
 RUZDER = -15.000 ELEVON = .500
 RUDFLR = .000

SECTION (1) LEFT VERTICAL		DEPENDENT VARIABLE CP	
MACH (1) = 1.097	BETAT (1) = -8.200	Z/SV X/CV	
		.000	.2870
		.050	.3330
		.100	.2890
		.150	.2130
		.200	.0910
		.250	-.3170
		.300	-.3520
		.350	.900
		.400	.0810
		.450	.3770
		.500	.3070
		.550	.2060
		.600	.0190
		.650	-.9140
		.700	-.7060
		.750	-.0970
		.800	.600
		.850	.840
		.900	.925
		.950	.0410
		.000	.4080
		.050	.2240
		.100	.2040
		.150	.0780
		.200	-.1580
		.250	-.6920
		.300	-.8060
		.350	-.6990
		.400	-.7000
		.450	.3630
		.500	.2370
		.550	.1150
		.600	.1340
		.650	.0030
		.700	-.5530
		.750	-.5830
		.800	-.5330
		.850	-.5350
		.900	-.5490
		.950	.925
		.000	.2450
		.050	.1990
		.100	.1150
		.150	.0510
		.200	-.1240
		.250	-.7480
		.300	-.5830
		.350	-.5830
		.400	-.5330
		.450	-.5350
		.500	-.5490
		.550	.925
		.600	.2710
		.650	-.2310
		.700	-.0370
		.750	.0100
		.800	-.1030
		.850	-.7310
		.900	-.5630
		.950	-.4580
		.000	.925
		.050	.3150
		.100	.8470
		.150	-.7120
		.200	-.5410
		.250	-.1980
		.300	-.1070
		.350	-.0230
		.400	-.7310
		.450	-.5630
		.500	-.4580
		.550	.925
		.600	.2710
		.650	-.2310
		.700	-.0370
		.750	.0100
		.800	-.1030
		.850	-.7310
		.900	-.5630
		.950	-.4580
		.000	.925
		.050	.3150
		.100	.8470
		.150	-.7120
		.200	-.5410
		.250	-.1980
		.300	-.1070
		.350	-.0230
		.400	-.7310
		.450	-.5630
		.500	-.4580
		.550	.925
		.600	.2710
		.650	-.2310
		.700	-.0370
		.750	.0100
		.800	-.1030
		.850	-.7310
		.900	-.5630
		.950	-.4580
		.000	.925
		.050	.3150
		.100	.8470
		.150	-.7120
		.200	-.5410
		.250	-.1980
		.300	-.1070
		.350	-.0230
		.400	-.7310
		.450	-.5630
		.500	-.4580
		.550	.925
		.600	.2710
		.650	-.2310
		.700	-.0370
		.750	.0100
		.800	-.1030
		.850	-.7310
		.900	-.5630
		.950	-.4580

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2893

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(R8M034)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE Cp

MACH (1) = 1.099 BETAT (5) = 8.250

Z/BV X/CV	.158	.316	.670	.840	.925
.000	.2030	.2450	.2030	.1090	-.1640
.050	-.1140	-.6440	-.7650	-.8370	-.9630
.150	-.1360	-.6460	-.7430	-.7750	-.9150
.300	-.2960	-.3200	-.6960	-.6980	-.9040
.520	-.3350	-.4360	-.6410	-.5720	-.9060
.650	-.6870	-.9610	-.8320	-.4870	-.4930
.775	-.4500	-.7940	-.7630	-.4820	-.4930
.900		-.1160	-.6900	-.4910	-.5190

MACH (2) = 1.249 BETAT (1) = -8.160

Z/BV X/CV	.158	.316	.670	.840	.925
.000	.3200	.1980	.1020	.1890	.1920
.050	.3870	.3930	.4750	.4880	.4290
.150	.2860	.3320	.3870	.3180	.3190
.300	.2320	.2780	.2990	.3140	.2210
.520	.1680	.1080	.1870	.1420	.1040
.650	-.2260	-.6840	-.6920	-.7050	-.4830
.775	-.2590	-.5720	-.6890	-.6830	-.5070
.900		-.0140	-.6710	-.7010	-.5110

MACH (2) = 1.250 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.670	.840	.925
.000	.3690	.4640	.3450	.4460	.3250
.050	.2930	.2490	.2560	.2920	.2780
.150	.2220	.2010	.2280	.1880	.2120
.300	.1380	.1430	.1730	.2120	.1580
.520	.0450	.1020	.1130	.1290	.0260
.650	-.3450	-.7190	-.7140	-.7190	-.5290
.775	-.3070	-.6780	-.7190	-.7180	-.5280
.900		-.0540	-.6730	-.7320	-.5450

MACH (1) = 1.249 BETAT (3) = .020

Z/BV X/CV	.158	.316	.670	.840	.925
.000	.6710	.5710	.4360	.4890	.3150
.050	.1610	-.0910	-.1610	-.1560	-.1410
.150	.1480	.0700	.0490	-.0690	.0430
.300	.0430	.0070	.0000	.0420	.0480
.520	-.0640	-.1030	-.0020	.0800	.0230
.650	-.4350	-.7300	-.7310	-.6960	-.5350
.775	-.3410	-.7180	-.7180	-.7050	-.5510
.900		-.0710	-.5980	-.6140	-.5250

MACH (2) = 1.245 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.670	.840	.925
.000	.3460	.5380	.4460	.4090	.2040
.050	.1590	-.3320	-.5250	-.6130	-.6280
.150	.0660	-.1170	-.3440	-.4950	-.4850
.300	-.0580	-.1120	-.1700	-.3750	-.2430

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBMV34)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = 1.245	BETAT (4) = 4.110	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.520	-.1800	-.2320	-.0730	.0280	.0300
		.650	-.4390	-.7640	-.7410	-.4680	-.5230
		.775	-.3610	-.6930	-.7130	-.4660	-.4970
		.900		-.0670	-.5760	-.4660	-.4060
MACH (2) = 1.247	BETAT (5) = 8.200	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.500	.1380	.3350	.3270	.2280	-.0730
		.050	-.0580	-.4690	-.5640	-.6710	-.7600
		.150	-.0090	-.4460	-.5310	-.6370	-.7150
		.300	-.1360	-.1950	-.4830	-.5130	-.6740
		.520	-.2470	-.2940	-.4350	-.4270	-.3310
		.650	-.5250	-.7690	-.7450	-.4210	-.6120
		.775	-.3670	-.6660	-.6360	-.4230	-.4270
		.900		-.0510	-.5970	-.4270	-.4310

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

PAGE 2895

AVES 11-707 1A9 02A + S3 + 19 LEFT VERTICAL

(080055) (27 APR 75)

REFERENCE DATA

SREF = 2.4210 SB.FT. XREF = 28.5300 INCHES
 LREF = 39.8495 INCHES YREF = .0000 INCHES
 BREF = 39.8495 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) LEFT VERTICAL

MACH (1) = 1.102 BETAT (1) = -8.210

DEPENDENT VARIABLE CP

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2150	.0510	-.1080	-.0270	-.0720
.050	.2700	.3290	.3810	.3780	.2970
.150	.2020	.2710	.2770	.1900	.1760
.300	.1690	.1760	.1850	.1790	.0720
.520	.0660	-.0050	.0470	-.0180	-.1050
.650	-.3480	-.9140	-.9360	-.9280	-.7040
.775	-.3640	-.7130	-.9170	-.8230	-.7050
.900		-.0870	-.7670	-.6860	-.7080

MACH (1) = 1.095 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2940	.3510	.2150	.3130	.1860
.050	.1370	.1110	.1780	.2760	.1660
.150	.0820	.0780	.1340	.0450	.0850
.300	.0110	.0240	.0620	.0950	.0190
.520	-.0720	-.1220	-.0790	-.0910	-.1510
.650	-.3840	-.9450	-.9280	-.5170	-.7430
.775	-.3370	-.7770	-.8190	-.5210	-.5420
.900		-.1100	-.7200	-.5240	-.5250

MACH (1) = 1.099 BETAT (3) = .000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5780	.4660	.3220	.3980	.2080
.050	.0980	-.2190	-.3020	-.2840	-.2330
.150	.0320	-.0560	-.0780	-.1790	-.0620
.300	-.0820	-.1330	-.1100	-.0540	-.0220
.520	-.1870	-.2190	-.0980	-.0540	-.1280
.650	-.6190	-.9550	-.7550	-.4920	-.7370
.775	-.4070	-.8190	-.7110	-.4960	-.5480
.900		-.1350	-.6930	-.4830	-.4480

MACH (1) = 1.101 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2990	.4260	.3330	.2650	.0840
.050	.0790	-.4820	-.6890	-.8400	-.6780
.150	-.0360	-.1880	-.4610	-.7270	-.7130
.300	-.1880	-.2900	-.3210	-.2680	-.5050
.520	-.3130	-.3830	-.2160	-.1250	-.1120
.650	-.6000	-.9800	-.9910	-.4620	-.6730
.775	-.4320	-.6690	-.7890	-.4650	-.4380
.900		-.1310	-.6890	-.4750	-.4430

PARAMETRIC DATA

ALPHAT = 2.000 ORBITAL = .500
 RUDDER = -15.000 ELEVON = .000
 RUFLR = .000

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

(53435)

AVES 11-707 IAS OBA + S3 + T9 LEFT VERTICAL

DEFERENT VARIABLE CF

SECTION (1) LEFT VERTICAL

MACH (1) = 1.106 BETAT (5) = 8.250

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2270	.2200	.1630	.0570	-.7050
.050	-.0500	-.6390	-.7630	-.8260	-.8110
.100	-.1120	-.4730	-.7450	-.7570	-.9150
.150	-.2790	-.3460	-.6890	-.6970	-.9160
.200	-.3970	-.2240	-.4950	-.5920	-.5450
.250	-.7170	-.9470	-.9200	-.4970	-.5070
.300	-.4430	-.7490	-.1700	-.6820	-.4940
.350		-.1150	-.6830	-.6840	-.5340

MACH (2) = 1.248 BETAT (1) = -8.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2680	.1310	.0400	.1130	.1260
.050	.3240	.3310	.4370	.4480	.3920
.100	.2280	.2790	.3510	.2810	.2850
.150	.1710	.2330	.2660	.2820	.2870
.200	.1370	.0850	.1530	.1130	-.1230
.250	-.2860	-.6930	-.7030	-.7160	-.4990
.300	-.2830	-.5870	-.6980	-.6940	-.5030
.350		-.0030	-.6790	-.7070	-.5210

MACH (2) = 1.244 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2880	.4170	.2850	.4100	.2790
.050	.1840	.1950	.2140	.2640	.2410
.100	.1430	.1550	.1860	.1590	.1750
.150	.0820	.0970	.1340	.1770	.1370
.200	-.0060	-.0230	.1580	.1020	.0420
.250	-.3020	-.7210	-.7210	-.7310	-.5310
.300	-.3120	-.6870	-.7290	-.7170	-.5310
.350		-.0530	-.6820	-.7390	-.5530

MACH (2) = 1.550 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.0910	.0340	.3700	.4280	.2490
.050	.1420	-.1110	-.1810	-.1710	-.1510
.100	.1140	.0340	.0190	-.0780	.0100
.150	.0210	-.0420	-.0360	.0270	.0210
.200	-.0910	-.1330	-.0250	.0470	.0230
.250	-.4480	-.7380	-.7340	-.6550	-.5370
.300	-.3450	-.7260	-.7220	-.6360	-.5510
.350		-.0720	-.5980	-.5610	-.5220

MACH (2) = 1.248 BETAT (4) = 4.100

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2970	.5020	.3980	.3700	.1610
.050	.1670	-.3180	-.9220	-.6150	-.6260
.100	.0650	-.0770	-.3050	-.5720	-.4850
.150	-.0740	-.1350	-.1940	-.3260	-.2440

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(22433)

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

MACH (2) = 1.248	BETAT (4) = 4.100	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.920	-.1970	-.2530	-.1010	.0310	.0050
		.650	-.4590	-.7600	-.7410	-.4930	-.5170
		.775	-.7660	-.6330	-.7450	-.4600	-.4950
		.900		-.0620	-.5620	-.4630	-.4190

MACH (2) = 1.248	BETAT (5) = 6.200	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3230	.2880	.2790	.1780	-.0490
		.050	.0040	-.4750	-.5690	-.6470	-.7390
		.150	-.0510	-.1580	-.5430	-.6040	-.7280
		.300	-.1700	-.2300	-.9750	-.5240	-.6090
		.520	-.2810	-.3190	-.4270	-.4610	-.3320
		.650	-.5450	-.7750	-.7530	-.6370	-.5630
		.775	-.3990	-.6960	-.6590	-.4350	-.4190
		.900		-.0560	-.5830	-.4430	-.4380

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2698

(RBW36) (27 APR 73)

AVES 11-707 IAS O2A + S3 + T9 LEFT VERTICAL

REFERENCE DATA

SREF = 2.4210 SQ.FT. ARRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YARP = .0700 INCHES
 BREF = 39.8490 INCHES ZARP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 ORBINC = .500
 RUDDER = -15.000 ELEVON = .000
 RUOFLR = .000

SECTION (1) LEFT VERTICAL.

DEPENDENT VARIABLE CP

MACH (1) = 1.103 BETAT (1) = -8.200

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2780	.0390	-.1290	-.0640	-.0460
.050	.1690	.2500	.3400	.3400	.2700
.100	.1150	.2110	.2430	.1470	.1520
.150	.0910	.1380	.1540	.1580	.0920
.200	.0250	-.0350	.0140	-.0310	-.2000
.250	-.3890	-.9190	-.9390	-.8370	-.7030
.300	-.7750	-.7260	-.9130	-.0580	-.6340
.350		-.0860	-.6540	-.6120	-.6310
.400					

MACH (1) = 1.096 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2800	.3240	.1700	.2820	.1420
.050	.0990	.0730	.1310	.1690	.1350
.100	.0430	.0420	.1060	.0260	.0580
.150	-.0310	-.0220	.0360	.0710	-.0280
.200	-.1160	-.1370	-.0340	-.0530	-.1710
.250	-.4420	-.9460	-.9070	-.6870	-.7340
.300	-.7750	-.7840	-.8060	-.4980	-.5220
.350		-.1150	-.7290	-.4910	-.5110
.400					

MACH (1) = 1.096 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5420	.4390	.2770	.3490	.1530
.050	.0800	-.2410	-.3120	-.3180	-.2930
.100	.0120	-.0810	-.1010	-.2170	-.1070
.150	-.1070	-.1590	-.1370	-.0820	-.0630
.200	-.2000	-.2430	-.1230	-.0800	-.1560
.250	-.6730	-.9630	-.7550	-.4930	-.7450
.300	-.7750	-.8310	-.7080	-.4950	-.5240
.350		-.1420	-.6870	-.4770	-.4440
.400					

MACH (1) = 1.096 BETAT (4) = 4.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3290	.3670	.2860	.2240	-.0090
.050	.0790	-.4370	-.6980	-.8390	-.6800
.100	-.0370	-.2040	-.4530	-.7330	-.7220
.150	-.2020	-.2760	-.3380	-.2970	-.4870
.200	-.5310	-.3950	-.2370	-.1500	-.1300
.250	-.6500	-.5990	-.9860	-.4730	-.6310
.300	-.7750	-.4210	-.6430	-.7770	-.4350
.350		-.1270	-.6890	-.4330	-.4320
.400					

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2699

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL (RBMV36)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (5) = 8.200

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2540	.1900	.1300	.0130	-.2330
.050	-.0580	-.6440	-.7670	-.8250	-.9270
.100	-.1390	-.3260	-.7520	-.7430	-.9210
.150	-.2760	-.3690	-.7040	-.7040	-.9060
.200	-.4100	-.4500	-.5990	-.5920	-.5740
.250	-.6970	-.9320	-.9680	-.4930	-.5310
.300	-.775	-.4430	-.7430	-.4700	-.5280
.350		-.1260	-.6770	-.4610	-.5270

MACH (2) = 1.248 BETAT (1) = -8.150

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3100	.1430	.0220	.0670	.0900
.050	.2180	.2760	.3940	.4150	.3610
.100	.1580	.2290	.3180	.2530	.2590
.150	.1100	.1840	.2360	.2580	.1620
.200	.0830	.0630	.1330	.0930	-.0460
.250	-.3130	-.6940	-.7040	-.7160	-.5060
.300	-.2890	-.6200	-.7000	-.6940	-.5070
.350		-.0780	-.6820	-.7180	-.5260

MACH (2) = 1.249 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3010	.3780	.2490	.3630	.2410
.050	.1400	.1560	.1790	.2290	.2120
.100	.1060	.1210	.1550	.1320	.1520
.150	.0420	.0650	.1070	.1490	.1040
.200	-.0310	-.0440	.0490	.0780	-.0010
.250	-.3390	-.7170	-.7210	-.7280	-.5400
.300	-.3200	-.6900	-.7280	-.7030	-.5390
.350		-.0470	-.6840	-.7390	-.5570

MACH (2) = 1.249 BETAT (3) = .010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5500	.5000	.3240	.3850	.2110
.050	.1260	-.1230	-.1950	-.1880	-.1700
.100	.0900	.0070	-.0050	-.0990	-.0130
.150	-.0160	-.0690	-.0610	-.0060	.0000
.200	-.1080	-.1490	-.0570	.0260	.0010
.250	-.4980	-.7430	-.7380	-.6850	-.5500
.300	-.3530	-.7330	-.7320	-.6630	-.5590
.350		-.0760	-.6090	-.5810	-.5410

MACH (2) = 1.245 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3500	.4530	.3480	.3260	.1150
.050	.1530	-.3400	.5250	-.6110	-.6340
.100	.0460	-.0890	-.3080	-.5110	-.4980
.150	-.0910	-.1610	-.1910	-.1910	-.2480

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REBNS6)

AMES 11-707 1A9 CEA + S3 + T9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (2) = 1.245 BETAT (4) = 4.110

Z/BV	.158	.316	.630	.840	.925
X/CV					
.520	-.2090	-.2790	-.1180	-.0290	.0090
.650	-.4680	-.7580	-.7550	-.5090	-.5320
.775	-.3640	-.5900	-.7660	-.4640	-.5210
.900		-.0710	-.5790	-.4710	-.4580

MACH (2) = 1.246 BETAT (5) = 6.210

Z/BV	.158	.316	.630	.840	.925
X/CV					
.000	.3250	.2770	.2340	.1240	-.0810
.050	.1480	-.4910	-.5790	-.6490	-.7340
.150	-.0470	-.2110	-.5570	-.6090	-.7210
.300	-.1720	-.2600	-.3210	-.5370	-.480
.520	-.2900	-.3350	-.4250	-.5070	-.3020
.650	-.5590	-.7780	-.7560	-.4590	-.5330
.775	-.4060	-.6800	-.7390	-.4500	-.4370
.900		-.0690	-.5920	-.4600	-.4610

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2701

(RBW37) (27 APR 73)

ANE: 11-707 IAS 02A + S3 + T9 LEFT VERTICAL

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 6.000 ORBINL = .550
 RUDDER = -15.000 ELEVON = .000
 RUDDLR = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (1) = 1.100 BETAT (1) = -8.180

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2990	.0240	-.1570	-.1330	-.0990
.050	.1140	.1750	.3040	.3340	.2620
.100	.0480	.1370	.2130	.1470	.1450
.150	.0130	.0910	.1640	.1560	.0400
.200	-.0240	.0670	.0270	-.0390	-.2140
.250	-.0640	-.0250	-.0340	-.0940	-.7110
.300	-.1380	-.0820	-.0910	-.0880	-.6990
.350	-.2380	-.1560	-.1740	-.7180	-.7130

MACH (1) = 1.100 BETAT (2) = -4.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2580	.2890	.1380	.2360	.0950
.050	.0470	.0350	.0940	.1270	.0990
.100	-.0050	.0230	.0680	.0040	.0290
.150	-.0780	-.0550	.0020	.0340	-.0350
.200	-.1460	-.1590	-.0620	-.0820	-.1940
.250	-.2480	-.2430	-.8400	-.4910	-.7280
.300	-.4100	-.1800	-.7660	-.4870	-.5900
.350	-.5160	-.1060	-.7160	-.4780	-.4800

MACH (1) = 1.100 BETAT (3) = .010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5120	.4280	.2230	.2960	.1040
.050	.0640	-.2650	-.3200	-.3270	-.3790
.100	-.0120	-.1030	-.1260	-.2310	-.1250
.150	-.1210	-.1840	-.1620	-.1030	-.0980
.200	-.2140	-.2640	-.1440	-.1120	-.1820
.250	-.6980	-.9530	-.7390	-.4920	-.7410
.300	-.4030	-.8240	-.6960	-.4780	-.4810
.350	-.1430	-.6780	-.4660	-.4280	-.4280

MACH (1) = 1.100 BETAT (4) = 4.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2990	.3520	.2310	.1750	-.0550
.050	.0810	-.4960	-.7100	-.8440	-.8850
.100	-.0410	-.2230	-.4650	-.7480	-.7560
.150	-.2010	-.3020	-.3500	-.3230	-.4840
.200	-.3870	-.4040	-.2550	-.1910	-.1630
.250	-.6820	-.9400	-.9760	-.4500	-.6450
.300	-.4110	-.6910	-.7700	-.4210	-.4040
.350	-.1330	-.6860	-.4210	-.4210	-.4220

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBMV577)

AMES 11-707 1A9 08A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

MACH (2) = 1.099 BETAT (5) = 0.280

DEPENDENT VARIABLE CP		Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.2540	.1570	.0990	-.0240	-.2750
		.050	-.0750	-.6690	-.7710	-.8300	-.9340
		.100	-.1710	-.3270	-.7560	-.7390	-.9340
		.150	-.2810	-.3930	-.7100	-.7100	-.9140
		.200	-.4180	-.4620	-.5650	-.6160	-.5820
		.250	-.6950	-.9750	-.5170	-.5850	-.5850
		.300	-.7750	-.7470	-.4990	-.4990	-.5990
		.350		-.1280	-.7050	-.4770	-.5210

MACH (2) = 1.247 BETAT (1) = -0.130

		Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3330	.1380	-.0160	.0200	.0550
		.050	.1730	.2170	.3560	.3770	.3450
		.100	.1130	.1710	.2840	.2240	.2420
		.150	.0560	.1390	.2250	.2320	.1620
		.200	.0370	.0310	.0990	.0950	-.0530
		.250	-.4130	-.7030	-.7100	-.7140	-.5120
		.300	-.7750	-.6580	-.7080	-.6920	-.5190
		.350		-.0160	-.6990	-.7060	-.5410

MACH (2) = 1.248 BETAT (2) = -4.050

		Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3310	.3420	.2050	.3210	.2120
		.050	.0980	.1170	.1490	.1950	.1830
		.100	.0680	.0880	.1280	.1060	.1460
		.150	-.0020	.0280	.0840	.1220	.1020
		.200	-.0570	-.0570	.0253	.0710	-.0250
		.250	-.4500	-.7210	-.7280	-.7320	-.5580
		.300	-.7750	-.7030	-.7350	-.7050	-.5570
		.350		-.0410	-.6930	-.7430	-.5740

MACH (2) = 1.247 BETAT (3) = .020

		Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.5510	.4840	.2780	.3390	.1710
		.050	.0920	-.1410	-.2130	-.2020	-.1930
		.100	.0760	-.0120	-.0300	-.1250	-.0400
		.150	-.0340	-.0900	-.0800	-.0290	-.0180
		.200	-.1250	-.1630	-.0720	.0000	-.0300
		.250	-.5230	-.7410	-.7410	-.6950	-.5150
		.300	-.7750	-.7320	-.7350	-.6930	-.5610
		.350		-.0810	-.6190	-.6120	-.5930

MACH (2) = 1.252 BETAT (4) = 4.120

		Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3500	.4230	.3050	.2840	.0790
		.050	.1540	-.3400	-.5200	-.6370	-.6400
		.100	.0500	-.0140	-.3270	-.5260	-.5180
		.150	-.0910	-.2790	-.2080	-.2080	-.2630

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBMV37)

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (2) = 1.252 BETAT (4) = 4.120

Z/BV	X/CV	.158	.316	.600	.840	.925
.520	-.2110	-.2810	-.1390	-.0730	-.0190	-.0190
.650	-.4980	-.7480	-.7550	-.5320	-.5390	-.5390
.775	-.3600	-.5950	-.7720	-.4600	-.5310	-.5310
.900	-.0770	-.5790	-.4750	-.4680		

MACH (2) = 1.247 BETAT (5) = 8.230

Z/BV	X/CV	.158	.316	.600	.840	.925
.520	.2940	.2570	.1960	.0820	-.1050	-.1050
.650	.0350	-.4840	-.5780	-.6430	-.7180	-.7180
.775	.1040	-.2380	-.5690	-.5910	-.7330	-.7330
.900	-.2530	-.2680	-.5320	-.5430	-.5940	-.5940
.520	-.2820	-.3460	-.4120	-.5170	-.3800	-.3800
.650	-.5720	-.7710	-.7460	-.5060	-.5460	-.5460
.775	-.3950	-.6370	-.7780	-.4710	-.4470	-.4470
.900	-.0790	-.6070	-.4830	-.4780		

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL (RBMV38) (27 APR 75)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0020 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 8.0000 ORBINC = .900
RUDDER = -15.0000 ELEVON = .000
RUDFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (1) = 1.099	BETAT (1) = -2.170	Z/BV	.158	.316	.600	.840	.925
X/CV							
.000	.3310	.0140	-.2020	-.1500			
.050	.0500	.1100	.2980	.3160	.2420		
.100	-.0280	.0840	.2250	.1330	.1290		
.150	-.0440	.0690	.1440	.1400	.0210		
.200	-.0380	.0190	.0090	-.0570	-.7.00		
.250	-.0260	-.9190	-.9350	-.9560	-.7.00		
.300	-.3660	-.6930	-.9130	-.9050	-.7.00		
.350		-.1010	-.7680	-.7460	-.7200		

MACH (1) = 1.099 BETAT (2) = -4.070

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2340	.2660	.0990	.1930	.0620
.050	-.0390	-.0120	.0520	.0990	.1130
.100	-.0480	-.0230	.0350	.0170	.0470
.150	-.1180	-.0810	-.0260	.0630	-.0270
.200	-.1790	-.1820	-.0690	-.0840	-.2050
.250	-.6160	-.9600	-.9490	-.5240	-.7330
.300	-.775	-.4190	-.8180	-.5110	-.5320
.350		-.1030	-.6940	-.5100	-.5180

MACH (1) = 1.099 BETAT (3) = .720

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.4930	.3990	.1770	.2510	.0580
.050	.0440	-.2810	-.3430	-.3300	-.3310
.100	-.0810	-.1270	-.1430	-.2510	-.1480
.150	-.1900	-.2080	-.1830	-.1290	-.1170
.200	-.2280	-.2790	-.1660	-.1390	-.2020
.250	-.7190	-.9370	-.6580	-.4460	-.7030
.300	-.775	-.4120	-.7670	-.6120	-.4390
.350		-.1370	-.6010	-.4260	-.4030

MACH (1) = 1.099 BETAT (4) = 4.160

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2610	.3190	.1970	.1340	-.0970
.050	.0910	-.4640	-.7080	-.8500	-.8960
.100	-.0420	-.2380	-.4730	-.7440	-.7510
.150	-.1970	-.3160	-.3500	-.3500	-.4070
.200	-.3320	-.3950	-.2600	-.2140	-.1750
.250	-.7410	-.9490	-.9480	-.4190	-.6480
.300	-.775	-.3990	-.7230	-.4400	-.4280
.350		-.1430	-.6870	-.4540	-.4390

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2705

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNV38)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (5) = 0.310

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2550	.1350	.0450	-.0670	-.3110	
.050	-.0940	-.6670	-.7780	-.8320	-.9220	
.100	-.1900	-.7280	-.7670	-.7300	-.9310	
.150	-.2920	-.4580	-.7240	-.7250	-.9240	
.200	-.4140	-.4730	-.5310	-.6440	-.5820	
.250	-.7240	-.9590	-.9670	-.5280	-.6420	
.300	-.4330	-.7640	-.7610	-.4970	-.5470	
.350		-.1330	-.7070	-.4840	-.5080	

MACH (2) = 1.245 BETAT (1) = -0.110

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.4300	.1220	-.0540	-.0190	.0410	
.050	.1410	.1590	.3100	.3420	.3290	
.100	.0710	.1260	.2470	.2060	.2310	
.150	.0090	.0960	.1740	.2230	.1280	
.200	.0010	.0070	.0730	.0770	-.0710	
.250	-.4890	-.7750	-.7130	-.7190	-.5210	
.300	-.3290	-.1150	-.7120	-.7020	-.5300	
.350		-.0270	-.6950	-.7090	-.5510	

MACH (2) = 1.251 BETAT (2) = -4.040

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3010	.3270	.1700	.2800	.1880	
.050	.0290	.0880	.1240	.1690	.1850	
.100	.0340	.0650	.1060	.0860	.1330	
.150	-.0380	.0010	.0630	.1150	.0750	
.200	-.0770	-.0700	.0090	.0460	-.0450	
.250	-.4890	-.7200	-.7250	-.7310	-.5640	
.300	-.3430	-.7050	-.7320	-.6950	-.5540	
.350		-.0400	-.6940	-.7430	-.5810	

MACH (2) = 1.246 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.5370	.4680	.2410	.2980	.1710	
.050	.0580	-.1640	-.2220	-.2050	-.1800	
.100	.0520	-.0330	-.0500	-.1380	-.0350	
.150	-.0540	-.1110	-.1000	-.0190	-.0160	
.200	-.1340	-.1790	-.0890	.0020	-.0530	
.250	-.5390	-.7430	-.7440	-.6970	-.5760	
.300	-.3620	-.7360	-.7370	-.6490	-.5740	
.350		-.0770	-.6180	-.5870	-.5690	

MACH (2) = 1.245 BETAT (4) = 4.150

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3090	.3680	.2630	.2410	.0700	
.050	.1820	-.3300	-.4940	-.5850	-.6360	
.100	.0620	-.1230	-.3310	-.5320	-.5090	
.150	-.0810	-.1960	-.2120	-.1970	-.2430	

DATE 21 SEP 73 TABULATED PRESSURE DATA - IAS9

(REMARKS)

AVES 11-707 IAS OCA + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.245	BETAT (4) = 4.130	Z/BV	X/CV	.158	.316	.600	.840	.925
		.520		-.1960	-.2530	-.1530	-.0900	-.0730
		.650		-.5400	-.7500	-.7560	-.5580	-.5680
		.775		-.3540	-.6490	-.7760	-.4830	-.5530
		.900			-.0600	-.5830	-.4890	-.4940
MACH (2) = 1.245	BETAT (5) = 8.250	Z/BV	X/CV	.158	.316	.600	.840	.925
		.000		.3670	.2370	.1520	.0400	-.1290
		.080		.0090	-.4650	-.5810	-.6420	-.7340
		.150		-.0530	-.2500	-.5750	-.5840	-.7260
		.300		-.1610	-.2850	-.5360	-.5550	-.6280
		.520		-.2760	-.3580	-.3730	-.5230	-.4210
		.650		-.5740	-.7760	-.7460	-.5560	-.6100
		.775		-.3970	-.6460	.7840	-.4980	-.4860
		.900			-.0860	-.6240	-.5030	-.5090

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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APES 11-707 IAS 02A + S3 + T9 LEFT VERTICAL

(RBN039) (27 APR 73)

REFERENCE DATA

STEP = 2.4215 S3.FT. WREF = 20.5300 INCHES
 LREF = 39.8490 INCHES WREF = .0000 INCHES
 SREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 OFBINC = .500
 RUDDER = -5.000 ELEVON = .500
 RUFLR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.105 BETAT (1) = -8.180

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2800	.0850	.0390	.2050	.2400
.050	.5720	.5680	.5540	.5340	.4630
.100	.4810	.4640	.4310	.3970	.3050
.150	.3930	.3450	.3120	.3000	.1970
.200	.2950	.1430	.0730	.0350	-.0380
.250	-.2380	-.7130	-.7250	-.7550	-.6310
.300	-.3650	-.3650	-.6840	-.7280	-.6520
.350	-.3230	-.1060	-.6270	-.6570	-.6540

MACH (1) = 1.097 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6320	.4830	.3860	.5060	.4120
.050	.3860	.3380	.3520	.3570	.3230
.100	.3100	.2950	.2800	.2590	.2120
.150	.2180	.2180	.2170	.2310	.1320
.200	.0970	.0900	.0550	.0160	-.0330
.250	-.3380	-.7360	-.7620	-.7970	-.6850
.300	-.3560	-.4930	-.7540	-.8110	-.6780
.350	-.1290	-.7220	-.7560	-.7560	-.7380

MACH (1) = 1.098 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7060	.6280	.5730	.6320	.4490
.050	.1120	-.1070	-.2190	-.1960	-.1930
.100	.1600	.0740	.0450	.0420	.0540
.150	.0600	.0220	.0210	.0690	.0570
.200	-.0520	-.0750	-.1450	-.0670	-.0360
.250	-.5130	-.7770	-.8750	-.8570	-.6770
.300	-.3790	-.5760	-.8510	-.8310	-.7130
.350	-.1050	-.7810	-.8040	-.8040	-.710

MACH (1) = 1.104 BETAT (4) = 4.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.0000	.0000	.0000	.0000	.0190
.050	.0000	.0000	.0000	.0000	.0000
.100	.0000	.0000	.0000	.0000	.0000
.150	.0000	.0000	.0000	.0000	.0000
.200	.0000	.0000	.0000	.0000	.0000
.250	.0000	.0000	.0000	.0000	.0000
.300	.0000	.0000	.0000	.0000	.0000
.350	.0000	.0000	.0000	.0000	.0000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AWES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(334439)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.599	BETAT (5) = 6.310	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.0930	.3230	.3620	.2920	.0320
		.050	-.5610	-.5970	-.6910	-.8450	-.9860
		.100	-.0560	-.6200	-.6510	-.7520	-.9160
		.150	-.1520	-.5720	-.6320	-.6610	-.9400
		.200	-.2790	-.4090	-.6160	-.5920	-.4510
		.250	-.5420	-.1820	-.9040	-.5950	-.7910
		.300	-.775	-.4200	-.6310	-.7130	-.5450
		.350		-.1200	-.6180	-.5180	-.5310

MACH (2) = 1.251 BETAT (1) = -8.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3570	.2450	.1990	.3260	.3570
.050	.6000	.6720	.6200	.6120	.5690
.100	.5020	.5190	.5170	.6920	.4120
.150	.4360	.4260	.4080	.4110	.3550
.200	.2980	.2570	.1910	.1710	.1050
.250	-.1230	-.4950	-.5720	-.5250	-.4250
.300	-.2290	-.2680	-.4780	-.5100	-.4430
.350		-.0230	-.4400	-.4550	-.4450

MACH (2) = 1.249 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6740	.5560	.4890	.5980	.5040
.050	.4650	.3860	.3860	.4230	.4230
.100	.3760	.3370	.3540	.3530	.3070
.150	.2800	.2690	.2790	.3420	.2540
.200	.1610	.1560	.1300	.1460	.1040
.250	-.2530	-.5290	-.5700	-.5500	-.4480
.300	-.775	-.2780	-.4130	-.5300	-.4660
.350		-.0450	-.5110	-.5220	-.4580

MACH (2) = 1.244 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7940	.6970	.6110	.6780	.5110
.050	.1610	.0120	-.1090	-.1090	-.5990
.100	.2450	.1690	.1550	.1370	.1280
.150	.1480	.0950	.0920	.1490	.1380
.200	.0330	.0130	.0300	.0970	.0880
.250	-.3530	-.5700	-.5620	-.5700	-.4590
.300	-.775	-.3190	-.5240	-.5900	-.4770
.350		-.0260	-.5770	-.5800	-.4560

MACH (2) = 1.216 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5720	.6530	.6050	.5670	.3550
.050	-.1820	-.2720	-.5210	-.5980	-.6160
.100	.1390	-.1760	-.4280	-.4560	-.4580
.150	.0570	-.1040	-.5850	-.3670	-.2720

DATE 21 SEP 73

TABULATED PRESSURE DATA - IACA

PAGE 2709

AVES 11-757 IAG OBA + S3 + T9 LEFT VERTICAL (REV939)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.474	.632	.790	.948
.520	-.1720	-.1140	-.0460	-.0220	-.1190	-.1190
.650	-.3870	-.6040	-.6130	-.5090	-.4880	-.4880
.775	-.3320	-.5450	-.6310	-.6100	-.5130	-.5130
.900		-.0540	-.6230	-.6090	-.4510	-.4510

MACH (2) = 1.245 BETAT (5) = 8.250

Z/BV X/CV	.158	.316	.474	.632	.790	.948
.520	.1930	.4520	.4770	.3930	.1540	.1540
.650	-.3400	-.4200	-.5170	-.7190	-.7630	-.7630
.775	-.1040	-.4310	-.4800	-.6560	-.6800	-.6800
.900	-.0740	-.4010	-.4510	-.5580	-.6700	-.6700
.520	-.1840	-.3150	-.4340	-.3930	-.4110	-.4110
.650	-.4160	-.6280	-.7060	-.6630	-.6550	-.6550
.775	-.3650	-.5250	-.6940	-.5730	-.5940	-.5940
.900		-.1030	-.5140	-.4530	-.4820	-.4820

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

(REMOVED) (27 APR 75)

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 ZREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 OSMAC = .500
 RUDDER = -5.000 ELEVAT = .100
 RUDDER = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (1) = 1.101 BETAT (1) = -8.190

Z/EV	X/CV	.158	.316	.600	.840	.925
.000	.3010	.0020	-.0050	.1220	.1270	.1270
.050	.4370	.4670	.4750	.4640	.4050	.4050
.100	.3610	.3770	.3500	.3320	.2430	.2430
.150	.3000	.2680	.2520	.2460	.1250	.1250
.200	.1370	.0080	.0080	-.0120	-.0010	-.0010
.250	-.2790	-.7260	-.7450	-.7710	-.6640	-.6640
.300	-.3380	-.4050	-.6930	-.7480	-.6810	-.6810
.350		-.0930	-.6450	-.6760	-.6880	-.6880

MACH (1) = 1.101 BETAT (2) = -4.080

Z/EV	X/CV	.158	.316	.600	.840	.925
.000	.3730	.4410	.3230	.4320	.3220	.3220
.050	.3060	.2250	.2560	.2860	.2710	.2710
.100	.2220	.1910	.2160	.2010	.1470	.1470
.150	.1400	.1400	.1340	.1880	.1840	.1840
.200	.0250	-.0040	-.0430	-.0340	-.1720	-.1720
.250	-.4240	-.7650	-.7760	-.8580	-.7130	-.7130
.300	-.3850	-.5240	-.7580	-.7980	-.6930	-.6930
.350		-.1270	-.7270	-.7650	-.7450	-.7450

MACH (1) = 1.101 BETAT (3) = .020

Z/EV	X/CV	.158	.316	.600	.840	.925
.000	.6850	.5520	.4570	.5460	.3510	.3510
.050	.1120	-.1550	-.2590	-.2490	-.1950	-.1950
.100	.1020	.0140	.0030	.0020	.0710	.0710
.150	.0050	-.0470	-.0400	.0240	.0170	.0170
.200	-.1110	-.1280	-.0910	-.0590	-.0750	-.0750
.250	-.5610	-.7910	-.7990	-.8190	-.7510	-.7510
.300	-.3830	-.5810	-.8060	-.8380	-.7280	-.7280
.350		-.1110	-.7320	-.8160	-.6510	-.6510

MACH (1) = 1.099 BETAT (1) = 4.140

Z/EV	X/CV	.158	.316	.600	.840	.925
.000	.5030	.5270	.4490	.3920	.1580	.1580
.050	-.0760	-.4340	-.6780	-.5550	-.6980	-.6980
.100	.0010	-.2320	-.4300	-.6880	-.7730	-.7730
.150	-.1040	-.1820	-.3570	-.6830	-.5280	-.5280
.200	-.2320	-.2630	-.2120	-.1380	-.0850	-.0850
.250	-.5810	-.8380	-.8310	-.8470	-.6930	-.6930
.300	-.775	-.6250	-.8250	-.6310	-.7320	-.7320
.350		-.1400	-.5220	-.6230	-.6760	-.6760

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (1) = 1.100	BETAT (5) = 8.260	Z/BV	.158	.316	.600	.840	.925
		X/CV					
.000		.1530	.2870	.2940	.2120	.2120	-.0535
.050		-.2680	-.6100	-.7070	-.8250	-.8250	-.9580
.100		-.1050	-.6450	-.6710	-.7360	-.7360	-.9780
.150		-.1950	-.3290	-.6450	-.6640	-.6640	-.9380
.200		-.3200	-.3310	-.6100	-.6050	-.6050	-.4220
.250		-.5680	-.8570	-.8690	-.5590	-.5590	-.7110
.300		-.3890	-.5660	-.6930	-.4990	-.4990	-.4280
.350			-.0930	-.5910	-.4780	-.4780	-.4250

MACH (2) = 1.244	BETAT (1) = -8.150	Z/BV	.158	.316	.600	.840	.925
		X/CV					
.000		.2700	.2280	.1420	.2590	.2590	.2570
.050		.4580	.4900	.5390	.5410	.5410	.5120
.100		.3780	.4270	.4440	.4330	.4330	.3530
.150		.3300	.3100	.3420	.3580	.3580	.2460
.200		.2250	.2010	.1130	.1160	.1160	.0570
.250		-.1500	-.5130	-.5260	-.5460	-.5460	-.4550
.300		-.775	-.3030	-.4370	-.5280	-.5280	-.4670
.350		-.2540	-.0690	-.4570	-.4790	-.4790	-.4790

MACH (2) = 1.245	BETAT (2) = -4.560	Z/BV	.158	.316	.600	.840	.925
		X/CV					
.000		.4990	.5090	.4130	.5160	.5160	.4060
.050		.3900	.3040	.3120	.3490	.3490	.3630
.100		.2950	.2570	.2930	.2930	.2930	.2450
.150		.2110	.1960	.2130	.2650	.2650	.1950
.200		.0960	.0960	.0830	.1010	.1010	.0500
.250		-.2840	-.5510	-.5520	-.5700	-.5700	-.4830
.300		-.775	-.4560	-.5500	-.5650	-.5650	-.4850
.350			-.0440	-.5260	-.5460	-.5460	-.5250

MACH (2) = 1.248	BETAT (3) = .010	Z/BV	.158	.316	.600	.840	.925
		X/CV					
.000		.7600	.6280	.5110	.5790	.5790	.4050
.050		.1600	-.0430	-.1310	-.1350	-.1350	-.2260
.100		.1950	.1250	.1110	.1010	.1010	.0760
.150		.3050	.0410	.0400	.0990	.0990	.0840
.200		.0150	-.0310	-.0110	.0480	.0480	.0460
.250		-.4020	-.5810	-.5790	-.5810	-.5810	-.4850
.300		-.775	-.5500	-.5970	-.5990	-.5990	-.4990
.350			-.0440	-.5890	-.5970	-.5970	-.4910

MACH (2) = 1.152	BETAT (4) = 4.110	Z/BV	.158	.316	.600	.840	.925
		X/CV					
.000		.4630	.6010	.5250	.4830	.4830	.2690
.050		.1070	-.2970	-.5150	-.6590	-.6590	-.6170
.100		.1160	-.1490	-.3930	-.4730	-.4730	-.4530
.150		.0040	-.0620	-.1230	-.3760	-.3760	-.2940

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-7C7 1A9 Q2A + S3 + T9 LEFT VERTICAL (RBMV40)

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = 1.252	BETAT (4) = 4.110	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.520	-.1380	-.1590	-.0970	-.0440	-.0080
		.650	-.3830	-.6340	-.6110	-.6010	-.4960
		.775	-.3330	-.4950	-.6370	-.6090	-.4950
		.900		-.0470	-.6170	-.6030	-.4570
MACH (2) = 1.250	BETAT (5) = 8.210	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.1480	.4070	.4070	.3160	.0710
		.050	-.0650	-.4360	-.5320	-.6900	-.7610
		.150	-.0400	-.4650	-.4970	-.6520	-.7020
		.300	-.1160	-.2700	-.4610	-.5070	-.6660
		.520	-.2270	-.2220	-.4360	-.3990	-.4120
		.650	-.4530	-.6770	-.6870	-.6250	-.6580
		.775	-.3550	-.4810	-.6820	-.5320	-.5410
		.900		-.0200	-.5060	-.4380	-.4420

10/15

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNW41) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = .000 OLBINC = .500
 RUDDER = -5.000 ELEVON = .500
 RUDDLR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2900	.0750	-.0760	.0250
.050	.3250	.3710	.4040	.3960	.3500
.150	.2560	.3050	.2980	.2790	.1880
.300	.2170	.2010	.1940	.2040	.0790
.520	.0790	.0440	-.0390	-.0670	-.1430
.650	-.3330	-.7470	-.7700	-.7940	-.6960
.775	-.3690	-.4530	-.7120	-.7700	-.7100
.900		-.0870	-.6750	-.7300	-.7170

MACH (1) = 1.098 BETAT (2) = -4.090

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2310	.3940	.2620	.3620
.050	.2150	.1500	.1970	.2240	.2210
.150	.1470	.1180	.1520	.1590	.0960
.300	.0630	.0760	.0810	.1190	.0380
.520	-.0580	-.0530	-.0770	-.0770	-.1150
.650	-.4410	-.7800	-.7930	-.8200	-.7370
.775	-.3940	-.5590	-.7720	-.8050	-.7190
.900		-.1110	-.7390	-.7770	-.7710

MACH (1) = 1.100 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6370	.4960	.3750	.4580
.050	.1140	-.2030	-.3010	-.2910	-.2550
.150	.0530	-.0360	-.0440	-.0370	-.0480
.300	-.0480	-.1070	-.0890	-.0130	-.0350
.520	-.1660	-.1740	-.1310	-.0990	-.1090
.650	-.6000	-.8070	-.8090	-.8230	-.7170
.775	-.3350	-.5950	-.8100	-.8370	-.7310
.900		-.1100	-.6490	-.8150	-.7110

MACH (2) = 1.100 BETAT (4) = 4.130

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3240	.4680	.3770	.3130
.050	.0730	-.4570	-.6930	-.5240	-.8750
.150	-.1060	-.2000	-.4390	-.7020	-.7150
.300	-.1360	-.2100	-.3290	-.4130	-.5450
.520	-.2920	-.3150	-.2440	-.1850	-.1440
.650	-.5910	-.8660	-.8290	-.8380	-.7190
.775	-.4050	-.5750	-.8150	-.7960	-.7310
.900		-.1120	-.5230	-.5330	-.5490

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBM-41)

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.100	BETAT (5) = 8.250	Z/BV	.159	.316	.600	.840	.925
		X/CV					
		.000	.2040	.2340	.2060	.1040	-.1540
		.050	-.1100	-.6420	-.7590	-.8410	-.9580
		.100	-.1300	-.6560	-.7240	-.7750	-.9150
		.150	-.2690	-.3100	-.6970	-.7080	-.9210
		.200	-.3770	-.3900	-.6410	-.6250	-.5230
		.250	-.6810	-.8730	-.8810	-.5510	-.5050
		.300	-.4180	-.5910	-.6850	-.4890	-.4510
		.350		-.0920	-.6230	-.4930	-.4430

MACH (2) = 1.247 BETAT (1) = -8.160

Z/BV	.159	.316	.600	.840	.925
X/CV					
.000	.3160	.1900	.1000	.1890	.1910
.050	.3800	.3840	.4680	.4810	.4640
.100	.2870	.3320	.3880	.3810	.3700
.150	.2400	.2770	.2890	.3160	.2020
.200	.1650	.1510	.1030	.0770	.0180
.250	-.2240	-.5220	-.5430	-.5570	-.4730
.300	-.2700	-.3400	-.5170	-.5360	-.4350
.350		.0030	-.4720	-.4920	-.4940

MACH (2) = 1.251 BETAT (2) = -4.060

Z/BV	.159	.316	.600	.840	.925
X/CV					
.000	.3680	.4660	.3430	.4460	.3250
.050	.2890	.2420	.2510	.2870	.3160
.100	.2210	.1980	.2280	.2450	.2040
.150	.1440	.1430	.1650	.2070	.1590
.200	.0460	.0540	.0480	.0630	.0320
.250	-.3460	-.5590	-.5610	-.5750	-.4980
.300	-.3040	-.4790	-.5620	-.5650	-.4970
.350		-.0380	-.5370	-.5470	-.5390

MACH (2) = 1.246 BETAT (3) = .020

Z/BV	.159	.316	.600	.840	.925
X/CV					
.000	.6690	.5720	.4320	.4860	.3090
.050	.1650	-.0850	-.1630	-.1670	-.1530
.100	.1460	.0680	.0650	.0580	.0370
.150	.0540	-.0060	.0040	.0590	.0290
.200	-.0500	-.0740	-.0500	.0420	.0020
.250	-.4380	-.5950	-.5910	-.5940	-.5080
.300	-.3250	-.5660	-.6090	-.6070	-.5150
.350		-.0500	-.6000	-.5960	-.5010

MACH (2) = 1.247 BETAT (4) = 4.110

Z/BV	.159	.316	.600	.840	.925
X/CV					
.000	.3450	.5380	.4450	.4730	.1980
.050	.1570	-.3330	-.5240	-.5120	-.6250
.100	.0650	-.1080	-.3160	-.4950	-.4930
.150	-.0420	-.1090	-.1800	-.3730	-.2970

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 OEA + S3 + T9 LEFT VERTICAL (RBMV41)

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = 1.247	BETAT (4) = 4.110	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.520	-.1790	-.2070	-.1410	-.0540	-.0220
		.650	-.4430	-.6690	-.6180	-.6090	-.5110
		.775	-.3450	-.5020	-.6370	-.6290	-.5130
		.900		-.5410	-.5610	-.6180	-.4840
MACH (2) = 1.246	BETAT (5) = 8.200	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.1410	.3290	.3270	.2220	-.0070
		.050	-.0750	-.4700	-.5670	-.6930	-.7670
		.150	-.0080	-.4540	-.5320	-.6550	-.7260
		.300	-.1300	-.1930	-.4880	-.5170	-.6920
		.520	-.2430	-.2600	-.4430	-.4440	-.4180
		.650	-.5330	-.7010	-.6750	-.5660	-.6670
		.775	-.3520	-.4970	-.6770	-.4980	-.4780
		.900		-.0160	-.5110	-.4430	-.4300

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBMV42) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 OFBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUDDLR = .000

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (1) = -0.190	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.2750	.0420	-.1280	-.0650	-.0460
		.050	.1640	.2440	.3390	.3350	.3050
		.150	.1080	.2140	.2470	.2330	.1510
		.300	.0940	.1410	.1440	.1680	.0340
		.520	.0190	.0040	-.0750	-.1000	-.1930
		.650	-.3920	-.7400	-.7690	-.7820	-.6940
		.775	-.3750	-.4850	-.7110	-.7460	-.6940
		.900		-.0720	-.6640	-.6810	-.6980

MACH (1) = 1.102 BETAT (2) = -4.090

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2580	.3250	.1720	.2830	.1400
.050	.1030	.0710	.1140	.1650	.1770
.150	.0470	.0500	.0950	.1090	.0470
.300	-.0210	-.0180	.0350	.0640	-.0020
.520	-.1150	-.0970	-.1130	-.1240	-.1640
.650	-.4430	-.7720	-.7920	-.8140	-.7400
.775	-.3820	-.5540	-.7750	-.7970	-.7200
.900		-.1010	-.7010	-.7740	-.7720

MACH (1) = 1.098 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.5420	.4480	.2790	.3490	.1520
.050	.0920	-.2410	-.3230	-.3250	-.3020
.150	.0170	-.0780	-.0860	-.0890	-.1070
.300	-.0940	-.1530	-.1420	-.0690	-.0960
.520	-.2020	-.2090	-.1770	-.1510	-.1720
.650	-.6710	-.8110	-.8160	-.8280	-.7380
.775	-.3770	-.6150	-.8170	-.8330	-.7320
.900		-.1080	-.5570	-.7990	-.7390

MACH (1) = 1.099 BETAT (4) = 4.140

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3260	.3830	.2700	.2140	-.0150
.050	.0720	-.5010	-.7080	-.8680	-.8860
.150	-.0390	-.2070	-.4710	-.7220	-.7340
.300	-.1830	-.2720	-.3410	-.2740	-.5330
.520	-.3270	-.3620	-.2830	-.2390	-.2070
.650	-.6080	-.8510	-.8500	-.8340	-.7390
.775	-.4180	-.5570	-.6970	-.6210	-.7120
.900		-.1050	-.5220	-.4730	-.4420

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2717

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBNW42)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE QP

MACH (1) = 1.100 BETAT (5) = 8.260

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2500	.1900	.1280	.0110	-.2340
.050	-.0830	-.6430	-.7640	-.8000	-.9130
.100	-.1400	-.3420	-.7320	-.7460	-.8980
.150	-.2580	-.3570	-.7090	-.7130	-.8750
.200	-.4000	-.3870	-.6010	-.6670	-.8360
.250	-.6960	-.8450	-.8640	-.5760	-.5490
.300	-.775	-.4270	-.6010	-.7110	-.5230
.350	.900	-.0890	-.6010	-.5130	-.4770

MACH (2) = 1.245 BETAT (1) = -8.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3040	.1420	.0150	.0690	.0870
.050	.2110	.2670	.3890	.4040	.4040
.100	.1540	.2250	.3170	.3210	.2550
.150	.1110	.1810	.2250	.2540	.1610
.200	.0780	.0980	.0490	.0410	-.0250
.250	-.3170	-.5420	-.5380	-.5700	-.4910
.300	-.3030	-.3990	-.5270	-.5490	-.5000
.350	.900	.0030	-.4940	-.4990	-.5050

MACH (2) = 1.246 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2970	.3790	.2440	.3720	.2410
.050	.1390	.1480	.1710	.2170	.2540
.100	.1020	.1180	.1580	.1880	.1910
.150	.0430	.0610	.0970	.1460	.1190
.200	-.0950	-.0100	-.0030	.0190	.0030
.250	-.3660	-.5810	-.5840	-.5850	-.5170
.300	-.3220	-.5030	-.5810	-.5790	-.5140
.350	.900	-.0380	-.5570	-.5590	-.5560

MACH (2) = 1.249 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5460	.5050	.3220	.3780	.2060
.050	.1270	-.1220	-.1990	-.1820	-.1820
.100	.0930	.0080	.0190	.0090	-.0190
.150	-.0260	-.0640	-.0620	.0110	-.0020
.200	-.1050	-.1200	-.1000	-.0480	-.0250
.250	-.4960	-.6120	-.6060	-.6060	-.5170
.300	-.3370	-.5830	-.6220	-.6050	-.5240
.350	.900	-.0550	-.6140	-.5970	-.5440

MACH (2) = 1.247 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3530	.4470	.3900	.3240	.1080
.050	.1320	-.3430	-.5290	-.6110	-.6330
.100	.0470	-.0920	-.3130	-.5030	-.5070
.150	-.0640	-.1570	-.2030	-.2200	-.2760

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

PAGE 2718

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RENN42)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

Z/BV	.158	.316	.630	.840	.925
X/CV					
.520	-.2080	-.2460	-.1660	-.1060	-.0480
.650	-.4750	-.6780	-.6420	-.6150	-.5220
.775	-.3500	-.4580	-.6540	-.6340	-.5330
.900		-.0400	-.6040	-.6280	-.5400

MACH (2) = 1.246 BETAT (5) = 8.210

Z/BV	.158	.316	.630	.840	.925
X/CV					
.000	.3300	.2740	.2360	.1250	-.0790
.050	.0360	-.4890	-.5800	-.6380	-.7380
.100	-.0440	-.2130	-.5510	-.6170	-.7330
.300	-.1640	-.2550	-.5250	-.5450	-.5960
.520	-.2890	-.2860	-.4270	-.5230	-.3870
.650	-.5640	-.6930	-.6590	-.6650	-.6310
.775	-.3930	-.5240	-.6800	-.5480	-.4990
.900		-.0280	-.5620	-.5100	-.4480

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

PAGE 2719

AMES 11-707 IA9 O2A + S3 + T9 LEFT VERTICAL

(RBWL-3) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
 P' OPER = -5.000 ELEVON = .000
 RUOFLR = .000

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3220	.0180	-.2040	-.1960	-.1510
.050	.0540	.1050	.2880	.3120	.2840
.150	-.0020	.0830	.2240	.2230	.1260
.300	-.0350	.0810	.1350	.1520	.0050
.520	-.0860	.0090	-.0750	-.1170	-.2220
.650	-.5370	-.7200	-.7660	-.7790	-.7030
.775	-.3700	-.4650	-.6850	-.7360	-.6910
.900		-.0770	-.6360	-.6710	-.6890

MACH (1) = 1.097 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2330	.2650	.0950	.1990	.0530
.050	-.0430	-.0110	.0500	.1360	.1650
.150	-.0950	-.0210	.0360	.1070	.0400
.300	-.1130	-.0810	-.0260	.0650	-.0460
.520	-.1700	-.1410	-.0960	-.1420	-.2040
.650	-.6180	-.7680	-.7810	-.8110	-.7480
.775	-.3780	-.5410	-.7310	-.7810	-.7200
.900		-.0850	-.6970	-.7460	-.7600

MACH (1) = 1.101 BETAT (3) = .010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4850	.3980	.1750	.2460	.0510
.050	.0370	-.2850	-.3480	-.3390	-.3300
.150	-.0420	-.1290	-.1270	-.1280	-.1600
.300	-.1410	-.2060	-.1890	-.1160	-.1570
.520	-.2350	-.2570	-.2300	-.2110	-.2210
.650	-.7140	-.8220	-.8320	-.8460	-.7640
.775	-.4010	-.6640	-.8270	-.8310	-.1140
.900		-.1000	-.5420	-.6240	-.6530

MACH (1) = 1.099 BETAT (4) = 4.150

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2660	.3180	.1880	.1240	-.1070
.050	.0800	-.4830	-.7100	-.8650	-.8990
.150	-.0460	-.2370	-.4650	-.7320	-.7590
.300	-.1720	-.3130	-.3650	-.3380	-.4730
.520	-.3270	-.3600	-.3180	-.2880	-.2430
.650	-.7420	-.8570	-.8670	-.7910	-.7550
.775	-.3830	-.6080	-.6980	-.5360	-.5650
.900		-.1170	-.5360	-.4950	-.4190

(RBHMA3)

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 0.300

Z/8V X/CV	.158	.316	.630	.840	.925
.000	.2480	.1260	.0380	-.0960	-.3090
.050	-.1000	-.6720	-.7840	-.8490	-.9280
.150	-.1970	-.3350	-.7530	-.7430	-.9460
.300	-.2740	-.4090	-.7280	-.7420	-.9310
.520	-.4110	-.4070	-.5390	-.7580	-.6350
.650	-.7340	-.8580	-.8490	-.6620	-.6210
.775	-.4190	-.6460	-.7790	-.6310	-.5620
.900		-.1150	-.5860	-.6110	-.5770

MACH (2) = 1.245 BETAT (1) = -0.110

Z/8V X/CV	.158	.316	.630	.840	.925
.000	.4270	.1300	-.0930	-.0170	.0460
.050	.1300	.1550	.3040	.3350	.3750
.150	.0740	.1260	.2560	.2710	.2260
.300	.0210	.0970	.1690	.2230	.1170
.520	.0050	.0480	.0120	.0170	-.0640
.650	-.4830	-.5520	-.5760	-.5740	-.5150
.775	-.3390	-.4940	-.5430	-.5540	-.5160
.900		.0200	-.5090	-.5120	-.5180

MACH (2) = 1.249 BETAT (2) = -4.040

Z/8V X/CV	.158	.316	.630	.840	.925
.000	.2930	.3210	.1690	.2730	.1860
.050	.0260	.0830	.1180	.1570	.2050
.150	.0340	.0690	.1090	.1370	.1180
.300	-.0320	.0010	.0950	.0970	.0500
.520	-.0790	-.0360	-.0390	-.0150	-.0460
.650	-.4910	-.5800	-.5980	-.5990	-.5390
.775	-.3370	-.5650	-.5860	-.5890	-.5370
.900		-.0260	-.5640	-.5680	-.5740

MACH (2) = 1.246 BETAT (3) = .020

Z/8V X/CV	.158	.316	.630	.840	.925
.000	.5360	.4670	.2330	.2990	.1680
.050	.0670	-.1730	-.2350	-.2180	-.1960
.150	.0900	-.0990	-.0220	-.0290	-.0330
.300	-.0470	-.1110	-.1070	-.0220	-.0340
.520	-.1430	-.1570	-.1320	-.0710	-.0760
.650	-.5400	-.6210	-.6240	-.6180	-.5570
.775	-.3530	-.6170	-.6350	-.6190	-.5460
.900		-.0540	-.6230	-.6110	-.5780

MACH (2) = 1.245 BETAT (4) = 4.130

Z/8V X/CV	.158	.316	.630	.840	.925
.000	.3140	.3890	.2670	.2380	.0660
.050	.1750	-.3280	-.4990	-.5990	-.6390
.150	.0610	-.1120	-.3170	-.5220	-.5160
.300	-.0670	-.1770	-.2180	-.1930	-.2750

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(RBMV43)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.245	BETAT (4) = 4.130	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.520	-.1940	-.2280	-.1910	-.1470	-.1210
		.650	-.5430	-.6560	-.6330	-.6370	-.5550
		.775	-.3410	-.4990	-.6680	-.6630	-.5640
		.900		-.0480	-.6390	-.6510	-.5880
MACH (2) = 1.246	BETAT (5) = 8.250	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3570	.2290	.1490	.0360	-.1210
		.050	-.0020	-.4650	-.5870	-.6490	-.6970
		.150	-.0640	-.2650	-.5730	-.6020	-.7160
		.300	-.1540	-.2850	-.5430	-.5640	-.6780
		.520	-.2760	-.3220	-.3950	-.5600	-.4750
		.650	-.5830	-.7040	-.6510	-.7250	-.7220
		.775	-.3890	-.5420	-.6870	-.6130	-.5860
		.900		-.0550	-.5560	-.5510	-.5010

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RNNV44) (27 APR 75)

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

PARAMETRIC DATA

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0000 SCALE

BETAT = .000 OFBINC = -1.200
RUDDER = .000 ELEVON = .000
RUFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (1) = .600 ALPHAT(1) = -0.990

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.5240	.5230	.4790	.5580	.3990	.3990
.050	.0080	-.2160	-.3540	-.3840	-.0920	-.0920
.100	.0050	-.0690	-.1260	-.3090	-.0930	-.0930
.150	.0030	-.0830	-.1610	-.1960	-.1430	-.1050
.200	-.2090	-.3970	-.3860	-.3620	-.3420	-.3420
.250	-.4380	-.5290	-.5400	-.4780	-.4470	-.4470
.300	-.2800	-.2770	-.2310	-.1730	-.1550	-.1550
.350		-.0840	-.1110	-.0570	-.0460	-.0460

MACH (1) = .600 ALPHAT(2) = -3.990

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.5040	.5020	.4820	.5230	.3560	.3560
.050	-.0090	-.2250	-.3720	-.3720	-.1020	-.1020
.100	.0190	-.0740	-.1360	-.3140	-.1030	-.1030
.150	-.0880	-.1720	-.2010	-.1490	-.1050	-.1050
.200	-.3040	-.3990	-.3780	-.3580	-.3380	-.3380
.250	-.4430	-.5180	-.5280	-.4640	-.4350	-.4350
.300	-.2740	-.2840	-.2300	-.1770	-.1450	-.1450
.350		-.0950	-.1100	-.0590	-.0420	-.0420

MACH (1) = .998 ALPHAT(3) = -3.990

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.4900	.4780	.4280	.4960	.3160	.3160
.050	-.0240	-.2500	-.3670	-.3680	-.1160	-.1160
.100	.0390	-.0870	-.1410	-.3090	-.1120	-.1120
.150	-.1120	-.1820	-.2060	-.1460	-.1130	-.1130
.200	-.3100	-.4060	-.3770	-.3520	-.3320	-.3320
.250	-.4360	-.5230	-.5180	-.4520	-.4220	-.4220
.300	-.2690	-.2860	-.2230	-.1770	-.1380	-.1380
.350		-.0930	-.1110	-.0450	-.0370	-.0370

MACH (1) = .999 ALPHAT(4) = -1.970

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.4710	.4530	.3960	.4530	.2810	.2810
.050	-.0230	-.2640	-.3710	-.3560	-.1270	-.1270
.100	.0560	-.1040	-.1530	-.3180	-.1190	-.1190
.150	-.1270	-.1970	-.2060	-.1520	-.1170	-.1170
.200	-.3130	-.4170	-.3820	-.3510	-.3310	-.3310
.250	-.4350	-.5190	-.5150	-.4490	-.4160	-.4160
.300	-.2710	-.2910	-.2280	-.1730	-.1340	-.1340
.350		-.0930	-.1140	-.0480	-.0400	-.0400

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2723

AVES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(CONTINUED)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .600 ALPHAT(5) = .060

Z/	.158	.316	.600	.840	.925
X/	.000	.4900	.4250	.3620	.4210
CV	.050	-.0280	-.2800	-.3840	-.3580
	.150	-.0780	-.1200	-.1610	-.3310
	.300	-.1430	-.2090	-.2190	-.1570
	.520	-.3250	-.4120	-.3780	-.3350
	.650	-.4390	-.5260	-.5140	-.4490
	.775	-.2680	-.3500	-.2330	-.1750
	.900		-.0990	-.1200	-.0600

MACH (1) = .600 ALPHAT(6) = 2.070

Z/	.158	.316	.600	.840	.925
X/	.000	.4460	.4060	.3390	.3980
CV	.050	-.0450	-.2970	-.3890	-.3560
	.150	-.0950	-.1280	-.1680	-.3300
	.300	-.1150	-.2140	-.2190	-.1610
	.520	-.3270	-.4210	-.3780	-.3550
	.650	-.4410	-.5230	-.5050	-.4370
	.775	-.2700	-.3530	-.2360	-.1790
	.900		-.1030	-.1190	-.0640

MACH (1) = .600 ALPHAT(7) = 4.010

Z/	.158	.316	.600	.840	.925
X/	.000	.4310	.3880	.3130	.3700
CV	.050	-.0560	-.3000	-.3640	-.3460
	.150	-.1040	-.1930	-.1680	-.3240
	.300	-.1650	-.2100	-.2280	-.1590
	.520	-.3270	-.4130	-.3780	-.3440
	.650	-.4300	-.5120	-.4950	-.4200
	.775	-.2630	-.3010	-.2290	-.1670
	.900		-.1050	-.1290	-.0550

MACH (1) = .598 ALPHAT(8) = 6.040

Z/	.158	.316	.600	.840	.925
X/	.000	.4030	.3630	.2840	.3350
CV	.050	-.0770	-.3000	-.3570	-.3420
	.150	-.1110	-.1370	-.1760	-.3250
	.300	-.1660	-.2190	-.2230	-.1640
	.520	-.3310	-.4140	-.3750	-.3370
	.650	-.4240	-.5110	-.4930	-.4470
	.775	-.2750	-.3040	-.2310	-.1650
	.900		-.1030	-.1190	-.0690

MACH (1) = .599 ALPHAT(9) = 8.020

Z/	.158	.316	.600	.840	.925
X/	.000	.3650	.3450	.2610	.3150
CV	.050	-.0920	-.2860	-.3680	-.3280
	.150	-.1230	-.1430	-.1760	-.3190
	.300	-.1620	-.2240	-.2240	-.1550
					-.1300

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(REV. 44)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(9) = 0.020

Z/BV X/CV	.158	.316	.600	.840	.925
.520	-.3280	-.4120	-.3700	-.3270	-.3050
.650	-.4290	-.5160	-.4790	-.3920	-.3990
.775	-.2720	-.3040	-.2250	-.1590	-.1180
.900	-.1070	-.1250	-.0540	-.0280	

MACH (2) = .901 ALPHAT(1) = -0.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5480	.5520	.5080	.5650	.3450
.090	.0080	-.2430	-.3850	-.3870	-.2370
.180	.0290	-.0140	-.0860	-.3250	-.1050
.270	-.0460	-.0950	-.1250	-.1170	-.0870
.360	-.1960	-.3120	-.2640	-.2310	-.2760
.450	-.5440	-.9910	-1.0570	-1.0820	-.8460
.540	-.2940	-.5150	-.6700	-.5660	-.3520
.630		-.1480	-.3410	-.4240	-.2470

MACH (2) = .901 ALPHAT(2) = -6.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5040	.5090	.4700	.5260	.3200
.090	-.0230	-.2760	-.3550	-.4220	-.2490
.180	-.0170	-.0450	-.1010	-.3520	-.1270
.270	-.0810	-.1220	-.1510	-.1300	-.1160
.360	-.2280	-.3310	-.2880	-.2540	-.2040
.450	-.5530	-.9400	-1.0820	-1.0560	-.7370
.540	-.2940	-.4910	-.5530	-.5160	-.3520
.630		-.1440	-.3190	-.3760	-.2330

MACH (2) = .899 ALPHAT(3) = -4.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4940	.4720	.4410	.4950	.2750
.090	-.0280	-.3050	-.3990	-.4120	-.2540
.180	-.0540	-.0690	-.1150	-.3740	-.1950
.270	-.1160	-.1400	-.1550	-.1450	-.1310
.360	-.2470	-.3350	-.2580	-.2720	-.3150
.450	-.5510	-.8690	-1.0840	-1.0760	-.6890
.540	-.2920	-.4630	-.5170	-.4780	-.3250
.630		-.1900	-.2970	-.3340	-.2150

MACH (2) = .900 ALPHAT(4) = -1.890

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4770	.4270	.4130	.4550	.2310
.090	-.0410	-.3160	-.4050	-.4230	-.2620
.180	-.0820	-.0920	-.1280	-.3910	-.1490
.270	-.1390	-.1540	-.1710	-.1480	-.1350
.360	-.2490	-.3440	-.3150	-.2940	-.3200

ANES 11-707 1A9 Q2A + S3 + T9 LEFT VERTICAL

(RBNV44)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .900 ALPHAT(4) = -1.890

Z/BV	.158	.316	.600	.840	.925
X/CV	.630	-.5140	-.8060	-1.0920	-.6950
.775	-.2820	-.4390	-.5120	-.4360	-.3180
.900		-.1210	-.2700	-.3170	-.2120

MACH (2) = .902 ALPHAT(5) = .010

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.4360	.3660	.3710	.4270
.050	-.0700	-.3320	-.4090	-.4010	-.2930
.150	-.1210	-.1080	-.1410	-.3910	-.1660
.300	-.1680	-.1560	-.1780	-.1630	-.1500
.520	-.2590	-.3440	-.3190	-.2960	-.3350
.650	-.5040	-.8040	-1.0910	-.7820	-.6010
.775	-.2950	-.4510	-.5000	-.4040	-.3040
.900		-.1330	-.2640	-.3070	-.1950

MACH (2) = .902 ALPHAT(6) = 1.990

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3930	.3360	.3360	.3930
.050	-.1080	-.3550	-.3910	-.4030	-.2950
.150	-.1660	-.1270	-.1480	-.3970	-.1750
.300	-.1890	-.1690	-.1840	-.1750	-.1670
.520	-.2640	-.3590	-.3320	-.3100	-.3450
.650	-.4910	-.8120	-1.0970	-.6980	-.5450
.775	-.2900	-.4450	-.5020	-.4060	-.2690
.900		-.1320	-.2370	-.3130	-.1930

MACH (2) = .901 ALPHAT(7) = 4.010

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3480	.3130	.2980	.3610
.050	-.1250	-.3840	-.3840	-.3850	-.2950
.150	-.1940	-.1360	-.1550	-.3930	-.1860
.300	-.2070	-.1780	-.1910	-.1860	-.1860
.520	-.2640	-.3570	-.3410	-.3280	-.3660
.650	-.4780	-.7670	-1.0970	-.6100	-.4770
.775	-.2930	-.4460	-.4840	-.3980	-.2920
.900		-.1380	-.2140	-.3040	-.1850

MACH (2) = .904 ALPHAT(8) = 6.000

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3150	.3030	.2530	.3230
.050	-.1550	-.3840	-.3710	-.3900	-.3190
.150	-.2070	-.1410	-.1590	-.4040	-.2070
.300	-.2080	-.1890	-.1980	-.2030	-.2030
.520	-.2750	-.3720	-.3540	-.3540	-.3840
.650	-.4910	-.7680	-1.1130	-.5320	-.3970

AMES 11-707 1A9 O2A + S3 + T9 LEFT VERTICAL (RBMV44)

SECTION : 21 LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH : Z = .904 ALPHAT(8) = 6.000 Z/BV .316 .600 .840 .925
X/CV .775 -.2960 -.4530 -.4720 -.3680 -.2790
.900 -.1460 -.1910 -.3110 -.1780

MACH : Z = .898 ALPHAT(9) = 7.980 Z/BV .316 .600 .840 .925
X/CV .000 .3060 .3090 .2090 .2860 .0430
.050 -.1510 -.2830 -.3460 -.3680 -.3220
.150 -.1870 -.1310 -.1680 -.4030 -.2190
.300 -.1820 -.1840 -.1950 -.2120 -.2210
.520 -.2690 -.3750 -.3530 -.3610 -.3870
.650 -.4750 -.7570 -.11040 -.4920 -.3430
.775 -.2930 -.4550 -.4390 -.3490 -.2450
.900 -.1470 -.1620 -.2730 -.1330

MACH : Z = 1.103 ALPHAT(1) = -8.010 Z/BV .316 .600 .840 .925
X/CV .000 .7240 .6650 .6120 .6780 .4910
.050 .1240 -.0730 -.1830 -.1760 -.1700
.150 .1920 .1190 .0890 -.1020 .0870
.300 .0870 .0630 .0760 .0810 .1130
.520 -.0120 -.0820 .0170 .0180 .0050
.650 -.4720 -.6320 -.6380 -.6530 -.6340
.775 -.3660 -.4480 -.6320 -.6560 -.6700
.900 -.0820 -.6280 -.6400 -.5810

MACH : Z = 1.097 ALPHAT(2) = -5.990 Z/BV .316 .600 .840 .925
X/CV .000 .7070 .6260 .5660 .6310 .4450
.050 .1100 -.1090 -.2030 -.1860 -.1650
.150 .1620 .0830 .0590 -.1140 .0580
.300 .0500 .0240 .0290 .0630 .0810
.520 -.0430 -.1150 .0390 .1090 .0300
.650 .1370 .1240 .6520 .6670 .6510
.775 .3790 .4690 .6440 .6670 .6840
.900 -.0830 -.6390 -.6510 -.6510

MACH : Z = 1.100 ALPHAT(3) = -3.970 Z/BV .316 .600 .840 .925
X/CV .000 .6990 .5910 .5250 .6130 .4060
.050 .1120 -.1270 -.2170 .2110 .1610
.150 .1370 .0510 .0340 .1170 .0350
.300 .0230 .0460 .1040 .0470 .0700
.520 -.0710 .1340 .0520 .0270 .0450
.650 .1570 .6530 .6710 .6550
.775 .3920 .4780 .6460 .6710 .6800

AMES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(REDACTED)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

$$\text{MACH}(3) = 1.100 \quad \text{ALPHAT}(3) = -3.970$$

AD/6	.080	.650	.925
AD/X	.158	.316	.840
AD/Z			

MACH (3) = 1.172 ALPHAT(4) = -1.995

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.6830	.5490	.4730	.3560	.3600
.050	.1200	-.1430	-.2410	-.2280	-.1640
.150	.0180	.0190	.0070	-.1280	.0100
.300	-.0050	-.0420	.0230	.0230	.0560
.500	-.0990	-.1580	-.0760	-.0520	-.0680
.650	-.5340	-.6670	.6660	-.6790	-.6730
.775	-.3840	-.4930	-.6550	-.6790	-.7010
.900		-.0830	-.6450	-.6630	-.6350

MMCH (3) = 1.100 ALPHAT(5) = .050

Z/BV	.158	.316	.630	.840	.925
K/CV	.000	.6590	.5110	.4223	.3040
.003	.1260	.1700	.2760	.2770	.2030
.153	.0790	.0070	.0280	.1510	.0190
.300	.0320	.0820	.0560	.0220	.0250
.520	.1330	.1920	.1040	.0750	.0670
.650	.5680	.6810	.6780	.6870	.6840
.775	.3870	.5130	.6650	.6850	.7050
.900		.0830	.6650	.6680	.6470

MACB (3) = 1.101 ALPHAT(6) = 2.040

γ /eV	.158	.316	.630	.843	.925
1.000	.6110	.4840	.3680	.4570	.2530
.950	.1190	-.1980	-.2970	-.2980	-.2490
.900	.0500	-.0340	-.1570	-.1980	-.0470
.850	.0640	-.1110	-.0910	-.0960	-.0140
.800	.1670	.2190	-.1360	-.1090	-.1110
.750	.5790	-.6960	.6970	-.7010	-.7030
.700	.3970	.5220	-.6820	-.7010	-.7200
.650	.1090	-.6730	-.6810	-.6690	-.6690

NACH (3) = 1.192 ALPHAT(7) = 3.990

WB °C	.158	.316	.600	.840	.925
.000	.5650	.4660	.3240	.3990	.2010
.050	.0930	-.2410	-.3090	-.3180	-.2740
.100	.0210	-.0620	-.0860	-.2220	-.0760
.300	-.0860	-.1450	-.1150	-.0620	-.0450
.500	-.1850	-.2390	-.1550	-.1350	-.1360
.650	-.6210	-.7070	-.7040	-.7110	-.7140
.775	-.4000	-.5450	-.6880	-.7080	-.7290
.900		-.1020	-.6770	-.6970	-.6860

(RBNV64)

ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

SECTION (3) LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.105 ALPHAT(8) = 6.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5470	.4570	.2820	.3550	.1520
.050	.0760	-.2480	-.3200	-.3320	-.2990
.100	.0090	-.0770	-.1070	-.2290	-.0980
.150	.3000	-.1030	-.1390	-.0830	-.0710
.200	.5200	-.1940	-.2570	-.1570	-.1580
.250	.6500	-.6660	-.7150	-.7190	-.7260
.300	.7750	-.3950	-.5530	-.6930	-.7120
.350	.9000		-.1020	-.6860	-.6950
.400					-.7040

MACH (3) = 1.102 ALPHAT(9) = 8.010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5120	.4320	.2300	.3000	.1030
.050	.0660	-.2700	-.3280	-.3420	-.3190
.100	.0090	-.1000	-.1350	-.2370	-.1290
.150	.3000	-.1270	-.1800	-.1040	-.1070
.200	.5200	-.2140	-.2790	-.2010	-.1840
.250	.6500	-.6920	-.7280	-.7320	-.7400
.300	.7750	-.3990	-.5740	-.7050	-.7230
.350	.9000		-.1050	-.7020	-.7060
.400					-.7220

MACH (4) = 1.247 ALPHAT(1) = -8.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.8210	.7350	.6500	.7310	.5560
.050	.1900	.0320	-.0850	-.0910	-.0850
.100	.2750	.1550	.1640	.0230	.1610
.150	.3000	.1710	.1230	.1270	.1620
.200	.5200	.0660	.0030	.0610	.1180
.250	.6500	-.3160	-.4690	-.4530	-.4370
.300	.7750	-.3110	-.4060	-.4510	-.4590
.350	.9000		-.0140	-.4560	-.4510
.400					-.4730
.450					-.4730
.500					-.4730

MACH (4) = 1.250 ALPHAT(2) = -5.960

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.8010	.7000	.6040	.6820	.5100
.050	.1820	.0130	-.0940	-.0940	-.0940
.100	.2490	.1730	.1380	.0190	.1340
.150	.3000	.1430	.0970	.1030	.1750
.200	.5200	.0410	-.0210	.0440	.0950
.250	.6500	-.3300	-.4690	-.4530	-.4540
.300	.7750	-.3130	-.4120	-.4580	-.4610
.350	.9000		-.0080	-.4570	-.4510
.400					-.4730
.450					-.4730
.500					-.4730

MACH (4) = 1.247 ALPHAT(3) = -3.960

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7790	.6590	.5530	.6310	.4320
.050	.1650	-.0130	-.1160	-.1190	-.1180
.100	.2210	.1450	.1070	-.0540	.0990
.150	.3000	.1110	.0630	.0720	.1100
.200	.5200				.1400

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TABULATED PRESSURE DATA - 1A9A
 ANES 11-707 1A9 02A + S3 + T9 LEFT VERTICAL

(R3M444)

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

MACH (4) = 1.247 ALPHAT(3) = -3.960

Z/BV X/CV	.158	.316	.600	.840	.925
.520	.0100	-.0550	.0150	.0680	.0680
.650	-.3680	-.4850	-.4670	-.4670	-.4620
.775	-.3170	-.4340	-.4740	-.4780	-.4870
.900		-.0160	-.4740	-.4650	-.4460

MACH (4) = 1.248 ALPHAT(4) = -2.000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7600	.6270	.5130	.5810	.4070
.050	.1610	-.0370	-.1320	-.1290	-.1240
.150	.1980	.1210	.0840	-.0320	.0750
.300	.0900	.0370	.0460	.0880	.1110
.520	-.0150	-.0700	-.0040	.0420	.0490
.650	-.3940	-.4920	-.4780	-.4750	-.4720
.775	-.3180	-.4520	-.4790	-.4840	-.4930
.900		-.0220	-.4780	-.4710	-.4570

MACH (4) = 1.248 ALPHAT(5) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7180	.5940	.4600	.5260	.3520
.050	.1770	-.0670	-.1560	-.1520	-.1420
.150	.1670	.0930	.0530	-.0630	.0530
.300	.0610	.0100	.0160	.0590	.0770
.520	-.0450	-.0980	-.0320	.0160	.0250
.650	-.4230	-.5070	-.4880	-.4880	-.4920
.775	-.3290	-.4720	-.4940	-.4960	-.5050
.900		-.0350	-.4950	-.4840	-.4770

MACH (4) = 1.244 ALPHAT(6) = 2.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6510	.5600	.4100	.4730	.2940
.050	.1690	-.0870	-.1720	-.1620	-.1480
.150	.1430	.0600	.0250	-.0750	.0330
.300	.0380	-.0170	.0130	.0400	.0410
.520	-.0680	-.1230	-.0570	-.0130	-.0020
.650	-.4280	-.5180	-.5030	-.5010	-.4940
.775	-.3370	-.4760	-.5030	-.5040	-.5070
.900		-.0440	-.5020	-.4850	-.4730

MACH (4) = 1.248 ALPHAT(7) = 4.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6190	.5340	.3710	.4230	.2480
.050	.1520	-.1130	-.1840	-.1790	-.1670
.150	.1200	.0330	.0010	-.0840	.0050
.300	.0140	-.0420	-.0390	.0160	.0340
.520	-.0970	-.1430	-.0819	-.0350	-.0070

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TABULATED PRESSURE DATA - IASA

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AVES 11-707 IAS Q2A + S3 + T9 LEFT VERTICAL

(RBMV44)

SECTION 1: LEFT VERTICAL

DEPENDENT VARIABLE CP

MACH	(1) = 1.246	ALPHAT(7) = 4.020	Z/BV X/CV	.158	.316	.600	.840	.925
			.550	-.4350	-.5250	-.5060	-.5080	-.5030
			.775	-.3450	-.4950	-.5090	-.4990	-.5090
			.900		-.0480	-.5100	-.4860	-.4890
MACH	(4) = 1.246	ALPHAT(8) = 6.030	Z/BV X/CV	.158	.316	.600	.840	.925
			.500	.5770	.5140	.3200	.3770	.2100
			.625	.1290	-.1300	-.1980	-.1970	-.1730
			.750	.1000	.0120	-.0220	-.1020	.0120
			.875	-.0110	-.0670	-.0640	-.0090	.0170
			.900	-.1060	-.1590	-.0980	-.0390	-.0230
			.650	-.4940	-.5340	-.5200	-.5080	-.5170
			.775	-.3480	-.5130	-.5200	-.5080	-.5260
			.900		-.0510	-.5200	-.4950	-.5110
MACH	(4) = 1.246	ALPHAT(9) = 8.010	Z/BV X/CV	.158	.316	.600	.840	.925
			.500	.5510	.4950	.2850	.3340	.2060
			.650	.1000	-.1450	-.2190	-.1990	-.1790
			.750	.0790	-.0120	-.0430	-.1180	-.0130
			.800	-.0300	-.0890	-.0830	-.0020	.0020
			.850	-.1210	-.1750	-.1140	-.0480	-.0480
			.900	-.5220	-.5430	-.5240	-.5180	-.5290
			.775	-.3530	-.5280	-.5290	-.5170	-.5340
			.900		-.0500	-.5250	-.5030	-.5270

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TABULATED PRESSURE DATA - 1A9A

(REMOVED)

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .597	ALPHAT(5) = -.060	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.4400	.3920	.3280	.3840	.2090
		.050	-.0690	-.1840	-.2330	-.2250	-.2050
		.150	-.0890	-.1090	-.1370	-.1420	-.1340
		.300	-.1190	-.1590	-.1840	-.1790	-.1660
		.520	-.2470	-.3640	-.3770	-.3330	-.3040
		.650	-.3430	-.4780	-.4710	-.3870	-.3950
		.775	-.2820	-.2730	-.2110	-.1660	-.1140
		.900	-.1890	-.1010	-.0730	-.0230	

MACH (1) = .598	ALPHAT(6) = 1.960	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.4260	.3720	.3040	.3610	.1810
		.050	-.0860	-.1950	-.2460	-.2360	-.2130
		.150	-.0990	-.1220	-.1400	-.1510	-.1400
		.300	-.1230	-.1590	-.1900	-.1860	-.1680
		.520	-.2520	-.3560	-.3750	-.3270	-.2970
		.650	-.3400	-.4790	-.4710	-.3850	-.3830
		.775	-.2880	-.2810	-.2130	-.1700	-.1100
		.900	-.1970	-.1070	-.0630	-.0220	

MACH (1) = .597	ALPHAT(7) = 3.950	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3970	.3550	.2780	.3280	.1520
		.050	-.0910	-.1910	-.2640	-.2350	-.2060
		.150	-.1010	-.1180	-.1470	-.1420	-.1410
		.300	-.1260	-.1640	-.1860	-.1770	-.1670
		.520	-.2500	-.3580	-.3720	-.3140	-.2880
		.650	-.3360	-.4770	-.4530	-.3620	-.3720
		.775	-.2910	-.2810	-.2030	-.1750	-.0980
		.900	-.2020	-.1020	-.0620	-.0110	

MACH (1) = .600	ALPHAT(8) = 5.900	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3540	.3400	.2550	.3000	.1220
		.050	-.1180	-.1890	-.2730	-.2480	-.2040
		.150	-.1210	-.1320	-.1430	-.1570	-.1380
		.300	-.1410	-.1660	-.2020	-.1810	-.1640
		.520	-.2610	-.3570	-.3790	-.3130	-.2850
		.650	-.3320	-.4710	-.4650	-.3610	-.3550
		.775	-.2910	-.2760	-.2230	-.1690	-.1070
		.900	-.2020	-.1170	-.0620	-.0210	

MACH (1) = .599	ALPHAT(9) = 7.950	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3310	.3240	.2500	.2770	.1010
		.050	-.1320	-.1620	-.2690	-.2360	-.1980
		.150	-.1380	-.1410	-.1490	-.1530	-.1470
		.300	-.1500	-.1790	-.1940	-.1770	-.1610

(REMARKS)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(9) = 7.950 Z/BV .158 .316 .600 .840 .925
X/CV

.520 -.2620 -.3630 -.3650 -.3060 -.2700
.650 -.3400 -.4800 -.4490 -.3480 -.3360
.775 -.2860 -.2820 -.2170 -.1650 -.0950
.900 -.2080 -.1130 -.0570 -.0150

MACH (2) = .905 ALPHAT(1) = -8.020

Z/BV .158 .316 .600 .840 .925
X/CV

.000 .5020 .4860 .4640 .5110 .3070
.050 -.0290 -.2250 -.2070 -.2950 -.3050
.150 -.0650 -.0530 -.0730 -.1260 -.1420
.300 -.0720 -.0840 -.1360 -.1750 -.1830
.520 -.1870 -.2720 -.2910 -.2840 -.3010
.650 -.4430 -.9330 -1.1280 -.3260 -.6310
.775 -.3190 -.4270 -.5170 -.2580 -.2210
.900 -.2930 -.3990 -.2190 -.1650

MACH (2) = .899 ALPHAT(2) = -5.960

Z/BV .158 .316 .600 .840 .925
X/CV

.000 .4910 .4360 .4270 .4740 .2640
.050 -.0490 -.2460 -.2240 -.2640 -.2850
.150 -.0870 -.0680 -.0810 -.1280 -.1510
.300 -.0920 -.0920 -.1350 -.1810 -.1960
.520 -.1830 -.2790 -.2960 -.2950 -.3150
.650 -.4190 -.8380 -1.1260 -.3360 -.5550
.775 -.2970 -.4090 -.5100 -.2640 -.1950
.900 -.2930 -.3620 -.2250 -.1480

MACH (2) = .889 ALPHAT(3) = -4.000

Z/BV .158 .316 .600 .840 .925
X/CV

.000 .4500 .3930 .3910 .4450 .2270
.050 -.0940 -.2720 -.2390 -.2730 -.2920
.150 -.1370 -.0890 -.0960 -.1430 -.1680
.300 -.1060 -.1040 -.1450 -.1980 -.2120
.520 -.1970 -.2830 -.3060 -.3090 -.3260
.650 -.4130 -.7380 -1.1380 -.3360 -.4650
.775 -.2960 -.3930 -.5160 -.2560 -.1960
.900 -.3000 -.3310 -.2170 -.1390

MACH (2) = .902 ALPHAT(4) = -1.980

Z/BV .158 .316 .600 .840 .925
X/CV

.000 .4030 .3310 .3550 .4020 .1820
.050 -.1240 -.2920 -.2530 -.2760 -.2920
.150 -.1770 -.1090 -.1050 -.1580 -.1840
.300 -.1360 -.1180 -.1570 -.2110 -.2240
.520 -.2100 -.2910 -.3230 -.3430

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TABULATED PRESSURE DATA - 1A9A

(REMARK)

ANES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = .902 ALPHAT (4) = -1.990

Z/BV	.158	.316	.600	.840	.925
X/CV					
.650	-.4000	-.7340	-1.1330	-.3400	-.4020
.775	-.2980	-.3910	-.5180	-.2670	-.1950
.900		-.3010	-.3160	-.2240	-.1370

MACH (2) = .902 ALPHAT (5) = .030

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3560	.3220	.3210	.3770	.1510
.050	-.1510	-.3240	-.2560	-.2780	-.2940
.150	-.2140	-.1130	-.1090	-.1670	-.1980
.300	-.1490	-.1230	-.1630	-.2230	-.2450
.520	-.2150	-.2910	-.3350	-.3400	-.3470
.650	-.3910	-.7610	-1.1340	-.3380	-.3390
.775	-.3400	-.3980	-.5270	-.2630	-.1880
.900		-.3030	-.2870	-.2270	-.1270

MACH (2) = .901 ALPHAT (6) = 2.100

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3280	.2890	.2790	.3370	.1130
.050	-.1840	-.3230	-.2630	-.2870	-.3080
.150	-.2360	-.1260	-.1270	-.1810	-.2130
.300	-.1660	-.1330	-.1730	-.2430	-.2600
.520	-.2190	-.2980	-.3520	-.3590	-.3610
.650	-.3990	-.7340	-1.1350	-.3340	-.3060
.775	-.3050	-.4010	-.5140	-.2620	-.1840
.900		-.3190	-.2730	-.2260	-.1220

MACH (2) = .899 ALPHAT (7) = 4.000

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3040	.3040	.2410	.3700	.5720
.050	-.1860	-.2740	-.2680	-.2910	-.3130
.150	-.2780	-.1160	-.1250	-.1850	-.2270
.300	-.1480	-.1270	-.1760	-.2540	-.2710
.520	-.2140	-.2970	-.3570	-.3740	-.3540
.650	-.3850	-.7160	-1.0890	-.3270	-.3480
.775	-.2890	-.4030	-.5020	-.2420	-.1590
.900		-.3190	-.2190	-.1970	-.0990

MACH (2) = .901 ALPHAT (8) = 6.000

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2930	.3100	.1960	.2620	.5370
.050	-.1930	-.2360	-.2650	-.2890	-.3050
.150	-.1940	-.1230	-.1320	-.1930	-.2310
.300	-.1500	-.1370	-.1830	-.2610	-.2840
.520	-.2240	-.3060	-.3660	-.3840	-.3820
.650	-.4020	-.7310	-1.1170	-.3070	-.3730

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

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AXES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(22-4531)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .901 ALPHAT(8) = 6.000 Z/BV .158 .316 .600 .840 .925
X/CV .775 -.3100 -.4010 -.4910 -.2320 -.1550
.900 -.3290 -.2210 -.1900 -.0960

MACH (2) = .902 ALPHAT(9) = 8.000 Z/BV .158 .316 .600 .840 .925
X/CV .000 .2590 .2440 .2160 .2350 .0030
.050 -.2240 -.2660 -.2870 -.2940 -.3160
.150 -.2130 -.1510 -.1570 -.2010 -.2460
.300 -.1770 -.1600 -.1980 -.2630 -.2830
.520 -.2490 -.3390 -.3750 -.3790 -.3240
.650 -.3090 -.6310 -1.0890 -.3310 -.3780
.775 -.3170 -.4030 -.4610 -.2350 -.1390
.900 -.3100 -.1710 -.1570 -.0580

MACH (2) = .901 ALPHAT(10) = 10.000 Z/BV .158 .316 .600 .840 .925
X/CV .000 .2470 .2070 .1870 .2130 -.0240
.050 -.2570 -.3330 -.2950 -.3040 -.3270
.150 -.2920 -.1850 -.1700 -.2260 -.2610
.300 -.2030 -.1890 -.2130 -.2770 -.2980
.520 -.2720 -.3430 -.3780 -.3880 -.3050
.650 -.4080 -.6380 -1.0970 -.3270 -.3780
.775 -.3370 -.4100 -.4830 -.2400 -.1350
.900 -.3260 -.1880 -.1660 -.0800

MACH (3) = 1.104 ALPHAT(1) = -8.010 Z/BV .158 .316 .600 .840 .925
X/CV .000 .7010 .6020 .5480 .6140 .4300
.050 .1670 .1480 .1280 .1280 .0980
.150 .1100 .0680 .0870 .0770 .0470
.300 .0700 .0700 .0600 .0290 .0270
.520 .0010 .0410 .0340 .1420 .0570
.650 .3670 .6590 .6770 .6980 .6230
.775 .1370 .4750 .6490 .6890 .6160
.900 .4320 .6510 .6660 .5840

MACH (3) = 1.101 ALPHAT(2) = -5.990 Z/BV .158 .316 .600 .840 .925
X/CV .000 .6880 .5640 .4970 .5720 .3860
.050 .1450 .1760 .2530 .2550 .1130
.150 .0800 .0300 .0590 .0520 .1220
.300 .0280 .0260 .0310 .0090 .0050
.520 .0030 .0570 .0580 .0520 .0910
.650 .3830 .6680 .6980 .7000 .6430
.775 .1690 .4810 .6530 .7030 .6320

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TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(REVISED)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.101 ALPHAT(2) = -5.990

MACH (3) = 1.104 ALPHAT(3) = -3.980

MACH (3) = 1.102 ALPHAT(4) = -2.000

MACH (3) = 1.102 ALPHAT(5) = .000

MACH (3) = 1.101 ALPHAT(6) = 2.010

Z/BV .58 .316 .600 .840 .925
X/CV .900 -.4290 -.6620 -.6800 -.6050

Z/BV .58 .316 .600 .840 .925
X/CV .000 .6750 .5260 .4470 .5210 .3320
.050 .1320 -.2820 -.1950 -.1330
.150 .0570 .0290 .0220 .0080
.300 .0010 .0020 .0030 .0130 .0350
.520 .0650 .0860 .0820 .0860 .1050
.650 .4030 .6770 .6910 .7030 .6530
.775 .3700 .4860 .6670 .7070 .6370
.900 .4210 .6670 .6870 .6230

Z/BV .58 .316 .600 .840 .925
X/CV .000 .6450 .4970 .3950 .4720 .2860
.050 .1110 .2260 .3160 .2390 .1520
.150 .0300 .0320 .0010 .0030 .0340
.300 .0380 .0350 .0350 .0360 .0610
.520 .0990 .1140 .1080 .1100 .1270
.650 .4210 .6910 .7010 .7150 .6550
.775 .3750 .5040 .6810 .7290 .6500
.900 .4240 .6780 .7030 .6400

Z/BV .58 .316 .600 .840 .925
X/CV .000 .6020 .4760 .3440 .4200 .2340
.050 .0940 .2480 .3390 .2390 .1640
.150 .0100 .0620 .0290 .0210 .0540
.300 .0650 .0620 .0540 .0550 .0810
.520 .1190 .1350 .1320 .1300 .1490
.650 .4310 .7030 .7070 .7180 .6710
.775 .3720 .5100 .6860 .7210 .6990
.900 .4360 .6830 .7010 .6540

Z/BV .58 .316 .600 .840 .925
X/CV .000 .5500 .4470 .2910 .3690 .1830
.050 .0690 .2670 .3670 .2620 .2010
.150 .0170 .0920 .0590 .0520 .0880
.300 .0870 .0910 .0800 .0840 .1130
.520 .1380 .1540 .1540 .1570 .1720
.650 .4590 .7110 .7170 .7260 .6870
.775 .3760 .5220 .6930 .7150 .6720
.900 .4430 .6930 .7150 .6730

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(REMOVED)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.102	ALPHAT(7) = 4.020	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.5080	.4100	.2330	.3230	.1390
		.050	.0380	-.2980	-.3770	-.2760	-.2210
		.100	-.0390	-.1380	-.0940	-.0710	-.1000
		.300	-.1330	-.1480	-.0910	-.0990	-.1310
		.500	-.1800	-.1760	-.1680	-.1750	-.1930
		.650	-.4920	-.7240	-.7230	-.7350	-.7010
		.775	-.3750	-.5060	-.7030	-.7380	-.6770
		.900		-.4240	-.6990	-.7190	-.6910

MACH (3) = 1.105 ALPHAT(8) = 5.980

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4960	.4000	.2930	.2680	.0840
.050	.0020	-.3040	-.3960	-.3090	-.2400
.100	-.0760	-.1460	-.1150	-.1100	-.1360
.300	-.1470	-.1290	-.1330	-.1340	-.1600
.500	-.1830	-.1630	-.2010	-.2080	-.2200
.650	-.5260	-.7290	-.7410	-.7390	-.7210
.775	-.3740	-.5180	-.7220	-.7390	-.6920
.900		-.4100	-.6920	-.7290	-.7110

MACH (3) = 1.102 ALPHAT(9) = 7.980

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4760	.3680	.1590	.2160	.0390
.050	-.0160	-.3110	-.4230	-.3170	-.2710
.100	-.0880	-.1710	-.1530	-.1330	-.1610
.300	-.1680	-.1810	-.1560	-.1530	-.1840
.500	-.2030	-.2180	-.2190	-.2280	-.2470
.650	-.5390	-.7370	-.7520	-.7610	-.7330
.775	-.3880	-.5410	-.7230	-.7560	-.7020
.900		-.4340	-.6060	-.6510	-.6390

MACH (3) = 1.102 ALPHAT(10) = 9.950

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4710	.3380	.1240	.1550	.0040
.050	-.0370	-.3390	-.4370	-.3260	-.2320
.100	-.1160	-.1950	-.1860	-.1580	-.1610
.300	-.1950	-.2080	-.1830	-.1790	-.1990
.500	-.2200	-.2210	-.2270	-.2260	-.2390
.650	-.5370	-.7350	-.7350	-.7420	-.7110
.775	-.4110	-.5460	-.7290	-.7170	-.6530
.900		-.4320	-.6110	-.6030	-.6160

MACH (4) = 1.250 ALPHAT(1) = -8.000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7870	.6720	.5760	.6460	.4780
.050	.1940	-.0430	-.1810	-.1420	-.1560
.100	.2030	.1300	.1290	.1490	.1410
.300	.1270	.1140	.1040	.1130	.1090

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RENEU)

AVES 11-7-7 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.250	ALPHAT(1) = -0.000	Z/8V	.158	.316	.600	.840	.925
		X/CV					
		.520	.0580	.0290	.0250	.0460	.0430
		.650	-.2840	-.4830	-.4740	-.4320	-.4320
		.775	-.3190	-.4020	-.4690	-.4850	-.4330
		.900		-.3620	-.4700	-.4780	-.4130

MACH (4) = 1.252	ALPHAT(2) = -5.980	Z/8V	.158	.316	.600	.840	.925
		X/CV					
		.000	.7700	.6410	.5300	.6010	.4320
		.050	.1890	-.0580	-.1940	-.1480	-.0860
		.150	.1770	.1050	.1070	.1260	.1170
		.300	.1040	.0880	.0840	.0950	.0760
		.520	.0290	.0080	.0070	.0270	.0260
		.650	-.2990	-.4950	-.4780	-.4790	-.4390
		.775	-.3180	-.4150	-.4780	-.4940	-.4450
		.900		-.3690	-.4790	-.4860	-.4330

MACH (4) = 1.268	ALPHAT(3) = -4.030	Z/8V	.158	.316	.600	.840	.925
		X/CV					
		.000	.7440	.6070	.4870	.5520	.3850
		.050	.1810	-.0760	-.2000	-.1650	-.0830
		.150	.1570	.0830	.0820	.1000	.0890
		.300	.0810	.0620	.0590	.0710	.0570
		.520	.0080	-.0120	-.0120	.0050	.0030
		.650	-.3190	-.5020	-.4910	-.4800	-.4350
		.775	-.3110	-.4280	-.4910	-.5050	-.4570
		.900		-.3690	-.4910	-.4890	-.4490

MACH (4) = 1.250	ALPHAT(4) = -1.980	Z/8V	.158	.316	.600	.840	.925
		X/CV					
		.000	.6940	.5820	.4430	.5050	.3260
		.050	.1650	-.1020	-.2140	-.1820	-.0940
		.150	.1310	.0550	.0470	.0680	.0500
		.300	.0560	.0290	.0280	.0430	.0310
		.520	-.0250	-.0350	-.0370	-.0190	-.0210
		.650	-.3340	-.5170	-.5030	-.4940	-.4630
		.775	-.3250	-.4470	-.5020	-.5140	-.4690
		.900		-.3820	-.5020	-.5070	-.4640

MACH (4) = 1.269	ALPHAT(5) = .040	Z/8V	.158	.316	.600	.840	.925
		X/CV					
		.000	.6800	.5520	.3900	.4400	.2770
		.050	.1500	-.1160	-.2210	-.1950	-.1090
		.150	.1060	.0320	.0240	.0450	.0370
		.300	.0340	.0080	.0040	.0220	.0130
		.520	-.0430	-.0560	-.0590	-.0420	-.0460

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBMRD1)

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (4) = 1.249 ALPHAT(5) = .040 Z/BV .158 .316 .600 .840 .925
X/CV
.650 -.3470 -.5220 -.5180 -.5110 -.4820
.775 -.3210 -.4530 -.5140 -.5250 -.4790
.900 -.3830 -.5140 -.5180 -.5180 -.4770

MACH (4) = 1.247 ALPHAT(6) = 2.030 Z/BV .158 .316 .600 .840 .925
X/CV
.000 .5890 .5200 .3440 .4020 .2330
.050 .1120 -.1470 -.2350 -.2170 -.1440
.150 .0760 .0030 -.0090 .0130 .0090
.300 .0020 -.0240 -.0280 -.0050 -.0130
.520 -.0690 -.0800 -.0850 -.0680 -.0360
.650 -.3930 -.5370 -.5340 -.5290 -.4830
.775 -.3320 -.4760 -.5260 -.5310 -.4700
.900 -.3900 -.5260 -.5170 -.4780

MACH (4) = 1.248 ALPHAT(7) = 4.040 Z/BV .158 .316 .600 .840 .925
X/CV
.000 .5280 .4870 .2910 .3550 .1890
.050 .0790 -.1740 -.2370 -.1610
.150 .0480 -.0230 -.0380 -.0120 -.0180
.300 -.0260 -.0540 -.0560 -.0240 -.0440
.520 -.0900 -.1020 -.1040 -.0840 -.0630
.650 -.4410 -.5490 -.5420 -.5290 -.4970
.775 -.3350 -.4920 -.5340 -.5300 -.4830
.900 -.4060 -.5350 -.5240 -.4970

MACH (4) = 1.247 ALPHAT(8) = 6.010 Z/BV .158 .316 .600 .840 .925
X/CV
.000 .5100 .4530 .2550 .3180 .1560
.050 .0560 -.1930 -.2710 -.2510 -.1750
.150 .0300 -.0900 -.0840 -.0400 -.0140
.300 -.0500 -.0830 -.0780 -.0450 -.0350
.520 -.1060 -.1140 -.1180 -.0830 -.0630
.650 -.4740 -.5500 -.5500 -.5340 -.5090
.775 -.3410 -.5040 -.5420 -.5330 -.4980
.900 -.4120 -.5420 -.5280 -.5130

MACH (4) = 1.247 ALPHAT(9) = 8.010 Z/BV .158 .316 .600 .840 .925
X/CV
.000 .5000 .4290 .2230 .2780 .1540
.050 .0320 -.2070 -.2770 -.2480 -.1710
.150 .0150 -.0640 -.0940 -.0430 -.0310
.300 -.0700 -.1020 -.1070 -.0380 -.0580
.520 -.1200 -.1250 -.1320 -.0950 -.0800
.650 -.4830 -.5450 -.5570 -.5440 -.5260

TABULATED PRESSURE DATA - 1A9A

DATE 21 SEP 73

(REMOVED)

AXES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (4) = 1.247 ALPHAT(9) = 8.010		Z/EV	.158	.316	.600	.840	.925
		X/CV	.775	-.3470	-.5220	-.5490	-.5140
			.900	-.4200	-.5450	-.5410	-.5290
MACH (4) = 1.246 ALPHAT(10) = 9.960		Z/EV	.158	.316	.600	.840	.925
		X/CV	.500	.5400	.4060	.1920	.2510
			.750	.0050	-.2210	-.2890	-.1780
			.150	-.0070	-.0870	-.1040	-.0610
			.300	-.0950	-.1210	-.1110	-.0800
			.520	-.1370	-.1380	-.1410	-.1230
			.650	-.4860	-.5490	-.5590	-.5360
			.775	-.3520	-.5300	-.5490	-.5520
			.900	-.4320	-.5430	-.5460	-.5430

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBNR02) (27 APR 73)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

REFERENCE DATA

SREF = 2.4210 SQ.FT. YMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0330 SCALE

PARAMETRIC DATA

BETAT = .000 ORBINC = .500
 RUDDER = .000 ELEVOR = .000
 RUDFLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .598 ALPHAT(1) = -8.020

Z/BV	X/CV	.316	.600	.840	.925
.000	.5030	.5020	.4560	.5230	.3600
.050	-.0120	-.1510	-.2050	-.2520	-.2220
.100	-.0250	-.0660	-.1130	-.1300	-.1260
.150	-.0640	-.1240	-.1780	-.1880	-.1650
.200	-.2420	-.3650	-.4020	-.3640	-.3420
.250	-.3790	-.4950	-.5120	-.4570	-.4690
.300	-.2840	-.2710	-.2130	-.1760	-.1010
.350	-.1680	-.1160	-.0970	-.0670	-.0310

MACH (1) = .598 ALPHAT(2) = -6.020

Z/BV	X/CV	.316	.600	.840	.925
.000	.4850	.4800	.4260	.4930	.3270
.050	-.0280	-.1690	-.2040	-.2530	-.2160
.100	-.0450	-.0800	-.1230	-.1390	-.1230
.150	-.0740	-.1370	-.1780	-.1930	-.1690
.200	-.2500	-.3680	-.3960	-.3580	-.3320
.250	-.3850	-.4890	-.4990	-.4500	-.4720
.300	-.2750	-.2740	-.2160	-.1780	-.1030
.350	-.1770	-.1170	-.0980	-.0680	-.0310

MACH (1) = .599 ALPHAT(3) = -3.990

Z/BV	X/CV	.316	.600	.840	.925
.000	.4350	.4330	.3940	.4610	.2950
.050	-.0500	-.1830	-.2140	-.2330	-.2120
.100	-.0680	-.0970	-.1280	-.1430	-.1370
.150	-.0950	-.1460	-.1850	-.1930	-.1710
.200	-.2630	-.3720	-.3970	-.3570	-.3300
.250	-.3770	-.4920	-.5030	-.4480	-.4570
.300	-.2830	-.2730	-.2220	-.1890	-.1070
.350	-.1810	-.1110	-.0930	-.0680	-.0310

MACH (1) = .598 ALPHAT(4) = -1.910

Z/BV	X/CV	.316	.600	.840	.925
.000	.4510	.4310	.3680	.4300	.2540
.050	-.0650	-.1990	-.2200	-.2190	-.2110
.100	-.1000	-.1050	-.1390	-.1420	-.1340
.150	-.1550	-.1510	-.1920	-.1930	-.1720
.200	-.2630	-.3780	-.3930	-.3510	-.3190
.250	-.3730	-.4910	-.4930	-.4210	-.4440
.300	-.2770	-.2210	-.2220	-.1810	-.1060
.350	-.1810	-.1110	-.0960	-.0610	-.0240

(REMARKS)

ANES 11-57 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .599	ALPHAT(5) = .020	Z/BV	X/CV	.158	.316	.600	.840	.925
		.000	.4400	.4120	.3370	.4010	.2200	
		.050	-.0750	-.2000	-.2220	-.2210	-.2040	
		.150	-.0900	-.1120	-.1380	-.1510	-.1400	
		.300	-.1160	-.1580	-.1900	-.1920	-.1730	
		.520	-.2660	-.3730	-.3950	-.3460	-.3100	
		.650	-.3710	-.4890	-.4880	-.4120	-.4290	
		.775	-.2790	-.2860	-.2180	-.1880	-.1060	
		.900		-.1940	-.1090	-.0690	-.0230	

MACH (1) = .599 ALPHAT(6) = 2.020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.4200	.3860	.3100	.3650	.1850	
.050	-.0900	-.2040	-.2340	-.2400	-.2180	
.150	-.1110	-.1250	-.1460	-.1560	-.1480	
.300	-.1320	-.1730	-.2000	-.1970	-.1750	
.520	-.2760	-.3800	-.3970	-.3450	-.3110	
.650	-.3740	-.4890	-.4820	-.4080	-.4170	
.775	-.2790	-.2920	-.2290	-.1920	-.1030	
.900		-.1990	-.1160	-.0740	-.0260	

MACH (1) = .597 ALPHAT(7) = 4.020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3980	.3740	.2860	.3420	.1560	
.050	-.1020	-.2090	-.2470	-.2390	-.2050	
.150	-.1080	-.1240	-.1460	-.1410	-.1370	
.300	-.1340	-.1680	-.1900	-.1890	-.1690	
.520	-.2650	-.3720	-.3820	-.3240	-.3010	
.650	-.3630	-.4790	-.4650	-.3850	-.3950	
.775	-.2780	-.2840	-.2130	-.1740	-.0980	
.900		-.2140	-.1110	-.0680	-.0160	

MACH (1) = .599 ALPHAT(8) = 6.010

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3570	.3510	.2590	.3140	.1260	
.050	-.1150	-.2010	-.2520	-.2460	-.2070	
.150	-.1280	-.1360	-.1460	-.1530	-.1510	
.300	-.1430	-.1790	-.1950	-.1940	-.1760	
.520	-.2790	-.3780	-.3920	-.3250	-.2930	
.650	-.3650	-.4850	-.4630	-.3870	-.3860	
.775	-.2940	-.2970	-.2220	-.1860	-.1070	
.900		-.2130	-.1170	-.0740	-.0230	

MACH (1) = .597 ALPHAT(9) = 8.020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3280	.3350	.2360	.2830	.1020	
.050	-.1310	-.1780	-.2650	-.2400	-.2110	
.150	-.1350	-.1420	-.1520	-.1570	-.1480	
.300	-.1500	-.1810	-.2020	-.1920	-.1750	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2743

ANES 11-707 1A9 02A + S3 + T2 RIGHT VERTICAL

(RSMR02)

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = .597 ALPHAT(9) = 8.000 Z/BV .158 .316 .600 .840 .925
X/CV
.520 -.2740 -.3740 -.3890 -.3220 -.2880
.650 -.3610 -.4890 -.4540 -.3700 -.3730
.775 -.2870 -.2950 -.2140 -.1770 -.0950
.900 -.2150 -.1170 -.0700 -.0160

MACH (2) = .593 ALPHAT(1) = -8.000 Z/BV .158 .316 .600 .840 .925
X/CV
.520 .5140 .5180 .4840 .5340 .3310
.650 .0070 .2170 .2070 .2870 .3130
.775 .0310 .0340 .0630 .1140 .1190
.900 .0440 .0650 .1270 .1680 .1750
.520 .1720 .2510 .2830 .2790 .2970
.650 .4340 .9610 -1.1220 .3910 .6760
.775 .3130 .4280 .5140 .2660 .2330
.900 .2980 .4020 .2230 .1640

MACH (2) = .591 ALPHAT(2) = -8.000 Z/BV .158 .316 .600 .840 .925
X/CV
.000 .5060 .4740 .4480 .4960 .2910
.050 .0310 .2270 .2160 .2640 .2950
.150 .0670 .0610 .0770 .1250 .1350
.300 .0640 .0760 .1330 .1770 .1870
.520 .1780 .2620 .2930 .2880 .3100
.650 .4320 .8990 -1.1300 .3490 .6150
.775 .3010 .4220 .5120 .2660 .2160
.900 .3070 .3750 .2210 .1590

MACH (2) = .590 ALPHAT(3) = -4.030 Z/BV .158 .316 .600 .840 .925
X/CV
.000 .4860 .4230 .4110 .4640 .2500
.050 .0800 .2620 .2380 .2730 .2910
.150 .1090 .0900 .0910 .1410 .1530
.300 .0800 .0860 .1460 .1960 .2060
.520 .1900 .2750 .3090 .3070 .3240
.650 .4240 .8070 -1.1450 .3430 .5260
.775 .3000 .4110 .5170 .2670 .2120
.900 .3070 .3470 .2230 .1470

MACH (2) = .596 ALPHAT(4) = -1.990 Z/BV .158 .316 .600 .840 .925
X/CV
.000 .4400 .3710 .3760 .4250 .2110
.050 .1000 .2860 .2450 .2750 .2980
.150 .1340 .0920 .1000 .1540 .1670
.300 .1070 .1040 .1510 .2070 .2210
.520 .1970 .2780 .3160 .3200 .3370

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBMF02)

APES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL		DEPENDENT VARIABLE CP									
MACH (2) =	.896	ALPHAT(4) =	-1.990	Z/BV	.158	.316	.600	.840	.925		
				X/CV							
				.650	-.4030	-.7480	-1.1380	-.3490	-.4360		
				.775	-.2980	-.3960	-.5100	-.2720	-.1970		
				.900		-.3070	-.3250	-.2210	-.1290		
MACH (2) =	.899	ALPHAT(5) =	.010	Z/BV	.158	.316	.600	.840	.925		
				X/CV							
				.000	.3670	.3360	.3370	.3920	.1710		
				.050	-.1370	-.2980	-.2460	-.2830	-.3140		
				.150	-.1900	-.1090	-.1110	-.1620	-.1800		
				.300	-.1370	-.1150	-.1640	-.2210	-.2320		
				.520	-.2100	-.2860	-.3350	-.3370	-.3480		
				.650	-.3990	-.7700	-1.1450	-.3490	-.3580		
				.775	-.3020	-.3980	-.5220	-.2680	-.1970		
				.900		-.3060	-.2950	-.2260	-.1340		
MACH (2) =	.898	ALPHAT(6) =	2.040	Z/BV	.158	.316	.600	.840	.925		
				X/CV							
				.000	.3450	.3250	.3050	.3660	.1330		
				.050	-.1610	-.3160	-.2460	-.2830	-.3050		
				.150	-.1980	-.1220	-.1130	-.1700	-.1950		
				.300	-.1530	-.1140	-.1700	-.2360	-.2510		
				.520	-.2170	-.2800	-.3450	-.3530	-.3620		
				.650	-.3840	-.7450	-1.1420	-.3450	-.3240		
				.775	-.2970	-.4030	-.5170	-.2580	-.1860		
				.900		-.3160	-.2710	-.2190	-.1250		
MACH (2) =	.905	ALPHAT(7) =	4.040	Z/BV	.158	.316	.600	.840	.925		
				X/CV							
				.000	.3170	.3190	.2720	.3330	.1070		
				.050	-.1780	-.2710	-.2530	-.2840	-.3080		
				.150	-.2060	-.1180	-.1230	-.1750	-.1980		
				.300	-.1460	-.1180	-.1780	-.2470	-.2580		
				.520	-.2150	-.2870	-.3560	-.3650	-.3560		
				.650	-.3840	-.6890	-1.1250	-.3920	-.3260		
				.775	-.2980	-.3980	-.5060	-.2550	-.1730		
				.900		-.3160	-.2150	-.2070	-.1030		
MACH (2) =	.897	ALPHAT(8) =	6.030	Z/BV	.158	.316	.600	.840	.925		
				X/CV							
				.000	.3120	.3190	.2250	.2880	.0570		
				.050	-.1930	-.2570	-.2680	-.2810	-.3190		
				.150	-.2120	-.1260	-.1330	-.1900	-.2190		
				.300	-.1490	-.1290	-.1780	-.2550	-.2830		
				.520	-.2180	-.2920	-.3650	-.3780	-.3740		
				.650	-.3920	-.7150	-1.1160	-.3250	-.3290		

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = .897 ALPHAT(8) = 6.030 Z/BV .158 .316 .630 .840 .925
X/CV .775 -.2990 -.4090 -.4910 -.2320 -.1580
.900 -.3370 -.2160 -.1990 -.1000

MACH (2) = .900 ALPHAT(9) = 8.000 Z/BV .158 .316 .630 .840 .925
X/CV .000 .2880 .3140 .1650 .2400 .0250
.050 -.2030 -.2850 -.2770 -.2970 -.3250
.150 -.2110 -.1390 -.1480 -.2060 -.2360
.300 -.1630 -.1410 -.1920 -.2720 -.3020
.520 -.2330 -.3050 -.3670 -.4010 -.3540
.650 -.4140 -.7110 -1.1020 -.3030 -.3640
.775 -.3160 -.4190 -.4910 -.2280 -.1480
.900 -.3520 -.2270 -.1860 -.0830

MACH (3) = 1.102 ALPHAT(1) = -8.050 Z/BV .158 .316 .630 .840 .925
X/CV .000 .7040 .6300 .5750 .6350 .4560
.050 .1750 -.1230 -.1720 -.1380 -.1060
.150 .1310 .0800 .1170 .0910 .0770
.300 .0940 .0940 .0710 .0320 .0410
.520 .0160 .0260 .0240 .0310 .0490
.650 .3480 .6540 .6780 .6910 .6150
.775 .3630 .4660 .6440 .6870 .5720
.900 .4240 .6500 .6590 .5420

MACH (3) = 1.103 ALPHAT(2) = -6.010 Z/BV .158 .316 .630 .840 .925
X/CV .000 .6960 .5920 .5230 .5970 .4120
.050 .1570 .1560 .2140 .1380 .0920
.150 .1010 .0620 .0840 .0680 .0530
.300 .0600 .0610 .0500 .0140 .0150
.520 .0090 .0480 .0480 .0520 .0730
.650 .3670 .6610 .6840 .7030 .6300
.775 .3600 .4760 .6540 .6960 .5790
.900 .4280 .6570 .6690 .5610

MACH (3) = 1.102 ALPHAT(3) = -4.000 Z/BV .158 .316 .630 .840 .925
X/CV .000 .6890 .5570 .4750 .5490 .3630
.050 .1420 .1750 .2700 .1700 .1190
.150 .0720 .0240 .0500 .0410 .0250
.300 .0230 .0230 .0210 .1040 .0430
.520 .0360 .1660 .0690 .0770 .0280
.650 .3810 .6650 .6960 .7120 .6500
.775 .3590 .4640 .6700 .7110 .5930

(RBNR02)

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(8) = 5.970

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5040	.4280	.2280	.3000	.1140
.050	.0300	-.3030	-.3860	-.2980	-.2230
.100	-.0440	-.1290	-.0990	-.0910	-.1030
.150	-.1240	-.1250	-.1170	-.1210	-.1390
.200	-.1660	-.1810	-.1870	-.1950	-.2100
.250	-.2230	-.2280	-.2380	-.2510	-.2700
.300	-.2750	-.2810	-.2910	-.3040	-.3210
.350	-.3240	-.3310	-.3410	-.3540	-.3710
.400		-.4370	-.4580	-.4760	-.4930

MACH (3) = 1.101 ALPHAT(9) = 7.940

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4890	.3990	.1890	.2490	.1630
.050	-.0010	-.2980	-.4110	-.3090	-.2430
.100	-.0680	-.1490	-.1270	-.1160	-.1290
.150	-.1480	-.1500	-.1390	-.1410	-.1600
.200	-.1790	-.1990	-.2030	-.2150	-.2310
.250	-.2430	-.2310	-.2450	-.2620	-.2720
.300	-.3810	-.3450	-.3260	-.3490	-.3520
.350		-.4370	-.4620	-.4730	-.4860

MACH (4) = 1.249 ALPHAT(1) = -8.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7930	.6950	.6000	.6760	.5080
.050	.1990	-.0280	-.1740	-.1210	-.0570
.100	.2140	.1530	.1510	.1660	.1770
.150	.1440	.1420	.1230	.1300	.1180
.200	.0730	.0310	.0390	.0610	.0590
.250	-.2710	-.4730	-.4760	-.4890	-.4140
.300	-.3130	-.3890	-.4650	-.4820	-.4280
.350		-.3510	-.4650	-.4930	-.3750

MACH (4) = 1.248 ALPHAT(2) = -6.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7800	.6660	.5610	.6330	.4630
.050	.1920	-.0440	-.1740	-.1270	-.0510
.100	.1970	.1250	.1290	.1500	.1590
.150	.1230	.1190	.1080	.1170	.1020
.200	.0510	.0160	.0250	.0470	.0460
.250	-.2740	-.4780	-.4720	-.4650	-.4160
.300	-.3100	-.3890	-.4630	-.4800	-.4270
.350		-.3550	-.4640	-.4680	-.3790

MACH (4) = 1.249 ALPHAT(3) = -3.990

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7640	.6290	.5130	.5830	.4130
.050	.1840	-.0730	-.1960	-.1460	-.0640
.100	.1850	.1090	.0940	.1130	.1210
.150	.0930	.0110	.0760	.0950	.0750

(REMARKS)

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.249 ALPHAT(3) = -3.980

Z/BV	.158	.316	.600	.840	.925
X/CV					
.520	.0160	-.0140	.0000	.0210	.0190
.650	-.3090	-.5040	-.4880	-.4820	-.4330
.775	-.3200	-.4290	-.4840	-.4980	-.4450
.900		-.3710	-.4820	-.4860	-.4030

MACH (4) = 1.245 ALPHAT(4) = -1.950

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.7220	.5970	.4620	.5270	.3550
.050	.1760	-.0840	-.1970	-.1590	-.0880
.150	.1490	.0720	.0710	.0870	.0860
.300	.0770	.0630	.0440	.0570	.0440
.520	-.1030	-.0280	-.0230	-.0560	-.0120
.650	-.3220	-.5000	-.5020	-.4940	-.4470
.775	-.3110	-.4320	-.4880	-.5110	-.4570
.900		-.3660	-.4970	-.5000	-.4110

MACH (4) = 1.246 ALPHAT(5) = .040

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.6590	.5690	.4180	.4780	.3070
.050	.1620	-.1000	-.2090	-.1930	-.1060
.150	.1250	.0480	.0430	.0630	.0600
.300	.0510	.0340	.0260	.0360	.0210
.520	-.0300	-.0510	-.0460	-.0290	-.0310
.650	-.3240	-.5100	-.5110	-.5020	-.4570
.775	-.3150	-.4410	-.5050	-.5150	-.4530
.900		-.3750	-.5030	-.5020	-.4150

MACH (4) = 1.244 ALPHAT(6) = 2.030

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.6560	.5380	.3710	.4320	.2600
.050	.1370	-.1300	-.2300	-.2150	-.1240
.150	.0970	.0210	.0190	.0350	.0450
.300	.0230	.0030	-.0080	.0110	.0050
.520	-.0560	-.0720	-.0680	-.0480	-.0240
.650	-.3360	-.5220	-.5250	-.5140	-.4590
.775	-.3150	-.4460	-.5170	-.5170	-.4600
.900		-.3780	-.5160	-.5010	-.4400

MACH (4) = 1.245 ALPHAT(7) = 3.970

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.5470	.5060	.3210	.3840	.2390
.050	.0990	-.1540	-.2540	-.2190	-.1340
.150	.0710	-.0110	-.0220	.0140	.0540
.300	-.0100	-.0300	-.0310	-.0040	.0120
.520	-.1190	-.0960	-.0920	-.0420	-.0240

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RESERVED)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (4) = 1.245 ALPHAT(7) = 3.970

Z/BV X/CV	.158	.316	.600	.840	.925
.650	-.4030	-.5390	-.5300	-.5070	-.4710
.775	-.3310	-.4680	-.5200	-.5130	-.4730
.900		-.3910	-.5200	-.5060	-.4570

MACH (4) = 1.245 ALPHAT(8) = 5.990

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5430	.4780	.2790	.3410	.2130
.050	.0780	-.1850	-.2580	-.2360	-.1380
.150	.0450	.0340	-.0470	-.0200	.0210
.300	-.0360	-.0570	-.0590	-.0220	-.0170
.520	-.0980	-.1080	-.1050	-.0650	-.0670
.650	-.4620	-.5420	-.5430	-.5250	-.4890
.775	-.3350	-.4970	-.5340	-.5270	-.4810
.900		-.4060	-.5340	-.5210	-.4780

MACH (4) = 1.247 ALPHAT(9) = 7.980

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5390	.4680	.2430	.3210	.1790
.050	.0940	-.2040	-.2690	-.2450	-.1510
.150	.0300	-.0520	-.0720	-.0160	.0030
.300	-.0530	-.0780	-.0780	-.0160	-.0390
.520	-.1130	-.1240	-.1120	-.0750	-.0840
.650	-.4780	-.5430	-.5410	-.5300	-.4960
.775	-.3440	-.5120	-.5310	-.5290	-.4870
.900		-.4170	-.5280	-.5210	-.4860

MACH (5) = 1.401 ALPHAT(1) = -8.050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.8570	.7460	.6280	.6880	.5240
.050	.2460	.0120	-.1070	-.0950	-.0820
.150	.2660	.1910	.1850	.2150	.2330
.300	.1870	.1790	.1610	.1720	.1740
.520	.1190	.0920	.0920	.1110	.1080
.650	-.2030	-.3410	-.3310	-.3200	-.2680
.775	-.2690	-.3100	-.3310	-.3350	-.2830
.900		-.2810	-.3350	-.3270	-.2350

MACH (5) = 1.396 ALPHAT(2) = -5.970

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.8370	.7120	.5810	.6420	.4750
.050	.2330	-.0060	-.1120	-.1050	-.0560
.150	.2430	.1680	.1560	.1760	.1940
.300	.1630	.1500	.1290	.1490	.1470
.520	.0910	.1190	.0710	.1030	.0820
.650	-.2260	-.3550	-.3430	-.3300	-.2750

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

(REMARKS)

AMES 11-707 IAS 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (5) = 1.396 ALPHAT(2) = -5.970

Z/BV X/CV	.158	.316	.600	.840	.925
.775	-.2840	-.3300	-.3440	-.3460	-.3000
.900	-.2980	-.3480	-.3400	-.2750	-.2750

MACH (5) = 1.396 ALPHAT(3) = -3.980

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.8050	.6830	.5360	.5890	.4250
.050	.2170	-.0220	-.1300	-.1250	-.0880
.100	.2150	.1410	.1280	.1500	.1630
.150	.1370	.2200	.1030	.1250	.1200
.200	.0640	.0430	.0490	.0620	.0820
.250	-.2480	-.3660	-.3530	-.3360	-.2570
.300	-.2890	-.3440	-.3530	-.3580	-.3080
.350	-.3080	-.3570	-.3490	-.2910	-.2910

MACH (5) = 1.396 ALPHAT(4) = -1.990

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7530	.6470	.4860	.5450	.3760
.050	.2720	-.0410	-.1260	-.1350	-.0630
.100	.1880	.1160	.1040	.1260	.1320
.150	.1150	.0950	.0770	.1010	.0970
.200	.0420	.0220	.0370	.0370	.0400
.250	-.2700	-.3770	-.3640	-.3510	-.3050
.300	-.3020	-.3650	-.3640	-.3650	-.3170
.350	-.3220	-.3660	-.3630	-.3030	-.3030

MACH (5) = 1.396 ALPHAT(5) = .000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6740	.6250	.4460	.5000	.3340
.050	.1860	-.0570	-.1350	-.1390	-.0550
.100	.1640	.0990	.0830	.0970	.0950
.150	.0950	.0730	.0530	.0780	.0720
.200	.0160	-.0010	.0090	.0180	.0210
.250	-.2780	-.3840	-.3740	-.3630	-.3210
.300	-.3030	-.3710	-.3750	-.3710	-.3230
.350	-.3320	-.3730	-.3650	-.3230	-.3230

MACH (5) = 1.393 ALPHAT(6) = 2.000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6180	.5350	.4030	.4640	.3010
.050	.1590	-.0760	-.1590	-.1570	-.0830
.100	.1360	.0710	.0510	.0700	.0870
.150	.0650	.0460	.0270	.0500	.0440
.200	-.0110	-.0220	-.0180	-.0140	-.0140
.250	-.2970	-.3970	-.3870	-.3740	-.3350
.300	-.3040	-.3850	-.3830	-.3810	-.3340

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(REV 2/2)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (5) = 1.393 ALPHAT(6) = 2.000		Z/BV	.158	.316	.600	.840	.925
		X/CV	.900	-.3470	-.3870	-.3760	-.3380
MACH (5) = 1.394 ALPHAT(7) = 3.960		Z/BV	.158	.316	.600	.840	.925
		X/CV	.000	.5530	.5490	.3680	.4240
			.050	.1230	-.0960	-.1680	-.1710
			.150	.1010	.0410	.0280	.0420
			.300	.0360	.0160	.0090	.0310
			.520	-.0330	-.0430	-.0330	-.0240
			.650	-.3210	-.4110	-.3950	-.3870
			.775	-.3170	-.4000	-.3940	-.3850
			.900	-.3560	-.3960	-.3960	-.3850
MACH (5) = 1.396 ALPHAT(8) = 6.030		Z/BV	.158	.316	.600	.840	.925
		X/CV	.000	.5110	.5150	.3240	.3870
			.050	.1030	-.1120	-.1720	-.1870
			.150	.0840	.0190	.0410	.0370
			.300	.0160	-.0010	-.0180	.0240
			.520	-.0420	-.0550	-.0430	-.0380
			.650	-.3560	-.4160	-.3950	-.3870
			.775	-.3270	-.4000	-.4030	-.3940
			.900	-.3630	-.4030	-.3950	-.3850
MACH (5) = 1.391 ALPHAT(9) = 7.990		Z/BV	.158	.316	.600	.840	.925
		X/CV	.000	.5350	.4810	.3700	.3450
			.050	.0660	-.1270	-.1820	-.1850
			.150	.0730	.0560	-.0130	-.0730
			.300	-.0010	-.0200	-.0360	-.0410
			.520	-.0560	-.0660	-.0560	-.0560
			.650	-.3810	-.4140	-.4130	-.4020
			.775	-.3360	-.4110	-.4120	-.4050
			.900	-.3790	-.4150	-.4030	-.3720

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA
AMES 11-707 IAG OA + S3 + T9 RIGHT VERTICAL

(20883) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 OEBINC = .570
RUDDER = .000 ELEVON = .000
RUPLR = .000

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (1) = .599	BETAT (1) = -8.000	Z/BV	X/CV	.158	.316	.670	.840	.925
		.000		-.5820	-1.0410	-.9740	-.6460	-.3360
		.050		-.8560	-.9340	-.9250	-.9000	-1.2190
		.100		-.4570	-.9490	-.7810	-.7850	-1.5820
		.150		-.3780	-.5500	-.6790	-.6150	-.7780
		.200		-.4160	-.4390	-.5270	-.4710	-.6820
		.250		-.3650	-.4260	-.4780	-.4010	-.5460
		.300		-.3500	-.2870	-.3100	-.3520	-.3440
		.350			-.2110	-.1850	-.1720	-.2650

MACH (1) = .599 BETAT (2) = -6.000

Z/BV	X/CV	.158	.316	.670	.840	.925
.000		-.1150	-.5060	-.6950	-.2710	-.0230
.050		-.6000	-.8380	-.8070	-.8130	-1.1460
.100		-.3400	-.5550	-.6880	-.6720	-.9780
.150		-.2810	-.3860	-.5450	-.5330	-.5760
.200		-.3530	-.4550	-.5230	-.4560	-.4080
.250		-.3630	-.4910	-.5210	-.4150	-.5160
.300		-.3160	-.3030	-.2930	-.2930	-.2540
.350			-.2590	-.1420	-.1230	-.1310

MACH (1) = .595 BETAT (3) = -4.000

Z/BV	X/CV	.158	.316	.670	.840	.925
.000		.2700	.0780	-.0780	.0940	.2190
.050		-.3630	-.7140	-.7510	-1.0470	-.8680
.100		-.2090	-.3180	-.4550	-.4360	-.3760
.150		-.1980	-.2800	-.3690	-.3550	-.3020
.200		-.3130	-.4360	-.4340	-.4210	-.3900
.250		-.3700	-.4950	-.5410	-.4550	-.5230
.300		-.3080	-.2860	-.2420	-.2790	-.1520
.350			-.1870	-.1050	-.1810	-.0550

MACH (1) = .598 BETAT (4) = -2.000

Z/BV	X/CV	.158	.316	.670	.840	.925
.000		.4520	.3610	.2520	.4110	.3620
.050		-.0960	-.6120	-.4910	-.7460	-.4560
.100		-.1120	-.1790	-.2460	-.2630	-.2410
.150		-.1260	-.2020	-.2590	-.2590	-.2870
.200		-.1290	-.4110	-.4470	-.3350	-.3710
.250		-.3670	-.4920	-.5350	-.4560	-.5210
.300		-.2860	-.2740	-.2260	-.2650	-.1320
.350			-.1730	-.1420	-.1070	-.0360

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

(RBNR103)

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .598	BETAT (5) = .020	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.5080	.5060	.4640	.3290	.3660
		.050	-.0070	-.1450	-.2020	-.2570	-.1960
		.150	-.0210	-.0610	-.1070	-.1330	-.1190
		.300	-.0560	-.1190	-.1730	-.1830	-.1620
		.520	-.1240	-.3540	-.4050	-.3610	-.3390
		.650	-.3800	-.4800	-.5100	-.4630	-.4840
		.775	-.2740	-.2640	-.2170	-.1690	-.1020
		.900		-.1610	-.0920	-.0650	-.0300
MACH (1) = .598	BETAT (6) = 2.060	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3690	.4410	.4250	.4040	.1730
		.050	.0910	.0520	.0310	.0360	.0250
		.150	.0660	.0360	-.0720	-.0160	-.0190
		.300	.0030	-.0520	-.0890	-.1090	-.0920
		.520	-.2090	-.3220	-.3590	-.3270	-.2970
		.650	-.3810	-.4680	-.4620	-.4370	-.6410
		.775	-.2760	-.2620	-.1870	-.1400	-.0580
		.900		-.1620	-.0940	-.0660	-.0280
MACH (1) = .598	BETAT (7) = 4.170	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1070	.1840	.2470	.1610	-.1310
		.050	.2120	.2090	.2190	.2150	.1710
		.150	.1410	.2220	.1070	.0940	.0640
		.300	.0600	.0170	.0160	-.0390	-.0400
		.520	-.1730	-.2780	-.3180	-.2940	-.2530
		.650	-.3790	-.4530	-.4120	-.3970	-.4790
		.775	-.2830	-.2580	-.1780	-.1320	-.0770
		.900		-.1720	-.0950	-.0770	-.0440
MACH (1) = .598	BETAT (8) = 6.140	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	-.3910	-.1700	.0390	-.0670	-.4350
		.050	.3250	.3310	.3410	.3330	.2650
		.150	.2210	.2180	.1980	.1770	.1310
		.300	.1270	.0760	.0520	.0230	.0120
		.520	-.1280	-.2360	-.2580	-.2580	-.2210
		.650	-.3710	-.4200	-.3650	-.3410	-.3580
		.775	-.2910	-.2390	-.1680	-.1410	-.0850
		.900		-.1700	-.1100	-.0980	-.0650
MACH (1) = .598	BETAT (9) = 8.180	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	-1.0080	-.5350	-.1780	-.3050	-.7540
		.050	.4100	.4210	.4280	.4030	.3330
		.150	.2970	.2710	.2640	.2320	.1780
		.300	.1870	.1310	.1120	.0710	.0330

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 OBA + S3 + T9 RIGHT VERTICAL
(REMARKS)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (9) = 8.180

Z/BV	.158	.316	.650	.840	.925
X/CV					
.520	-.0830	-.1950	-.2250	-.2180	-.1880
.650	-.3600	-.4050	-.3470	-.3360	-.3410
.775	-.2960	-.2410	-.1690	-.1450	-.1030
.900		-.1820	-.1320	-.1320	-.1030

MACH (2) = .901 BETAT (1) = -8.140

Z/BV	.158	.316	.650	.840	.925
X/CV					
.000	.0680	-.2080	-.2920	-.0970	.0030
.050	-.9490	-1.0170	-1.1370	-.9190	-.6860
.150	-.3210	-1.0150	-.8680	-.9200	-.6790
.300	-.3940	-.9270	-.8640	-.8350	-.7150
.520	-.4740	-.4040	-.7350	-.6580	-.6110
.650	-.4390	-.5930	-.6190	-.6140	-.5370
.775	-.4380	-.4670	-.4440	-.5280	-.4970
.900		-.3160	-.3980	-.4520	-.4030

MACH (2) = .900 BETAT (2) = -6.100

Z/BV	.158	.316	.650	.840	.925
X/CV					
.000	.2950	.0510	-.0480	.1170	.1390
.050	-.6840	-.9430	-1.0140	-1.0440	-.7470
.150	-.2810	-.8340	-.8120	-.9430	-.7210
.300	-.3190	-.4630	-.7230	-.7640	-.6650
.520	-.4010	-.4140	-.7510	-.5650	-.4970
.650	-.4300	-.7150	-.7010	-.4930	-.4260
.775	-.3800	-.5040	-.4840	-.4220	-.4080
.900		-.3690	-.3180	-.3550	-.3380

MACH (2) = .900 BETAT (3) = -4.050

Z/BV	.158	.316	.650	.840	.925
X/CV					
.000	.4470	.2660	.1550	.2100	.2400
.050	-.4530	-.8600	-.8720	-1.1050	-.1280
.150	-.2250	-.4980	-.6960	-.7370	-1.1550
.300	-.2480	-.3120	-.4920	-.5530	-.4260
.520	-.3340	-.3790	-.4480	-.3960	-.3470
.650	-.4260	-.7460	-1.1040	-.3170	-.5870
.775	-.3630	-.4680	-.4290	-.2370	-.1910
.900		-.3810	-.2850	-.1880	-.1630

MACH (2) = .898 BETAT (4) = -2.020

Z/BV	.158	.316	.650	.840	.925
X/CV					
.000	.5320	.4220	.3450	.4590	.3340
.050	-.1720	-.5930	-.7480	-.9460	-.8410
.150	-.1470	-.2120	-.2720	-.3760	-.3420
.300	-.1410	-.1630	-.2420	-.2820	-.2320
.520	-.2320	-.2970	-.3300	-.2150	-.3270

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2735

AXES 11-707 1A9 O2A + S3 + T9 RIGHT VERTICAL

(RENGED)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .896 BETAT (4) = -2.020

Z/BV X/CV	.158	.316	.600	.840	.925
.650	-.4390	-.9280	-1.1090	-.3560	-.6300
.775	-.3420	-.4610	-.5330	-.2610	-.2300
.900		-.3480	-.3700	-.2350	-.1780

MACH (2) = .899 BETAT (5) = 2.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4770	.4940	.4590	.4340	.1800
.050	.1040	.0650	.0760	.0670	.0130
.150	.0700	.0300	.0600	.0140	-.0350
.300	.0470	.0250	-.0310	-.0960	-.1210
.520	-.1060	-.2020	-.2510	-.2660	-.2780
.650	-.4480	-.9930	-1.1050	-1.1310	-.9330
.775	-.3240	-.4340	-.7890	-.6300	-.3790
.900		-.3140	-.3730	-.3650	-.2160

MACH (2) = .898 BETAT (6) = 4.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3340	.4050	.3550	.2930	.0180
.050	.2320	.2330	.2440	.2190	.1380
.150	.1750	.1780	.1510	.1080	.0220
.300	.1200	.1070	.0390	-.0360	-.1130
.520	-.0540	-.1560	-.2550	-.2570	-.2830
.650	-.4590	-.9890	-1.0840	-1.0350	-.9520
.775	-.3350	-.4200	-.9640	-.4770	-.3660
.900		-.3350	-.3030	-.4780	-.2270

MACH (2) = .901 BETAT (7) = 6.210

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1050	.2500	.2530	.1730	-.1020
.050	.3520	.3570	.3480	.3180	.2240
.150	.2680	.2620	.2270	.1720	.0840
.300	.2000	.1730	.0740	.0150	-.0620
.520	-.0040	-.1290	-.2340	-.2590	-.2860
.650	-.4170	-.9470	-1.0610	-1.1040	-1.0280
.775	-.3500	-.4020	-.8920	-1.0420	-.6730
.900		-.3340	-.2720	-.6190	-.2380

MACH (2) = .900 BETAT (8) = 8.270

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1880	.0780	.1470	.0620	-.2070
.050	.4530	.4510	.4250	.3090	.2810
.150	.3480	.3330	.2870	.2350	.1290
.300	.2670	.2260	.1430	.0610	-.0250
.520	.0410	-.0920	-.2010	-.2380	-.2610
.650	-.3920	-.8930	-1.0370	-1.0580	-1.0120

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

(33MR03)

AMES 11-737 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (8) = 8.270

Z/BV	.158	.316	.600	.840	.925
X/CV	.775	-.3450	-.3990	-.6130	-1.0340
	.900	-.3060	-.3110	-.5530	-.3360

MACH (3) = 1.101 BETAT (1) = -8.170

Z/BV	.158	.316	.600	.840	.925
X/CV	.500	.2810	.0750	.0360	.2000
	.590	-.4320	-.6280	-.7140	-.8930
	.150	-.1000	-.6510	-.6260	-.7960
	.300	-.1620	-.5550	-.5660	-.6430
	.520	-.2730	-.2250	-.5960	-.5970
	.650	-.4540	-.7570	-.8230	-.8880
	.775	-.4230	-.7330	-.7830	-.7880
	.900	-.4650	-.5840	-.6110	-.5840

MACH (3) = 1.100 BETAT (2) = -6.120

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.4840	.3100	.2420	.3810
	.050	-.3940	-.5580	-.6830	-.9100
	.150	-.0210	-.4920	-.5120	-.7760
	.300	-.0870	-.2830	-.3800	-.6800
	.520	-.1970	-.1910	-.3930	-.3940
	.650	-.4330	-.7370	-.7550	-.7910
	.775	-.4030	-.5470	-.7220	-.8120
	.900	-.4750	-.7280	-.7770	-.6630

MACH (3) = 1.102 BETAT (3) = -4.080

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6350	.4820	.3860	.5150
	.050	-.1780	-.5080	-.6880	-.8200
	.150	.0200	-.2370	-.3150	-.6550
	.300	-.0340	-.0850	-.2100	-.6910
	.520	-.1210	-.1520	-.2030	-.1220
	.650	-.4250	-.7110	-.7030	-.7070
	.775	-.3890	-.5590	-.6830	-.7010
	.900	-.4580	-.7010	-.6890	-.5530

MACH (3) = 1.100 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.7040	.5840	.4980	.5910
	.050	.0650	-.3760	-.5880	-.6200
	.150	.0650	-.0290	-.0870	-.1140
	.300	.0150	-.0750	-.0370	-.0770
	.520	-.1460	-.0930	-.0990	-.0720
	.650	-.4080	-.6760	-.6860	-.7010
	.775	-.2750	-.5280	-.6750	-.6850

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

MACH (3) = 1.100 BETAT (4) = -2.030
Z/BV .158 .316 .630 .840 .925
X/CV .900 -.4180 -.6770 -.6600 -.5460

MACH (3) = 1.099 BETAT (5) = .020
Z/BV .158 .316 .630 .840 .925
X/CV .000 .7040 .6280 .5700 .6350 .4570
.050 .1640 -.1350 -.1890 -.1360 -.1280
.150 .1240 .0860 .1100 .0810 .0730
.300 .0920 .0880 .0700 .0270 .0380
.520 .0100 -.0290 -.0270 -.0330 -.0520
.650 -.3520 -.6530 -.6830 -.6950 -.6210
.775 -.3640 -.4640 -.6480 -.6930 -.5780
.900 -.4230 -.6520 -.6630 -.5440

MACH (3) = 1.101 BETAT (6) = 2.090
Z/BV .158 .316 .630 .840 .925
X/CV .000 .6570 .6380 .5840 .5660 .3570
.050 .2630 .1390 .1940 .2200 .1800
.150 .2040 .2240 .2190 .2000 .1420
.300 .1840 .1950 .1490 .1090 .0610
.520 .0850 .0090 .0140 -.0240 -.0460
.650 -.3130 -.6260 -.6600 -.6840 -.6250
.775 -.3540 -.4310 -.6170 -.6740 -.5760
.900 -.4170 -.6150 -.6420 -.5840

MACH (3) = 1.100 BETAT (7) = 4.160
Z/BV .158 .316 .630 .840 .925
X/CV .000 .5380 .5800 .5250 .4820 .2550
.050 .3720 .3520 .3640 .3660 .2950
.150 .3080 .3210 .3030 .2810 .2050
.300 .2750 .2630 .2100 .1650 .1010
.520 .1340 .0480 .0160 -.0200 -.0440
.650 -.2790 -.6160 -.6520 -.6730 -.6310
.775 -.3450 -.3810 -.5940 -.6480 -.5180
.900 -.4000 -.5750 -.6160 -.5780

MACH (3) = 1.103 BETAT (8) = 6.240
Z/BV .158 .316 .630 .840 .925
X/CV .000 .3360 .4660 .4540 .3860 .1500
.050 .2970 .4510 .4760 .4600 .3810
.150 .4160 .4110 .3780 .3470 .2630
.300 .3590 .3270 .2790 .2200 .1430
.520 .1880 .0830 .0370 -.0280 -.0840
.650 -.2050 -.5870 -.6270 -.6550 -.6030
.775 -.3260 -.3340 -.5580 -.6080 -.5040
.900 -.3110 -.5250 -.5670 -.5280

(R04R03)

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1)RIGHT VERTICAL		DEPENDENT VARIABLE CP						
MACH (3) = 1.101	BETAT (9) = 7.800	Z/BV	.158	.316	.600	.840	.925	
		X/CV						
		.000	.1530	.3600	.3870	.3070	.0530	
		.050	.5620	.5630	.5430	.5150	.4300	
		.150	.4750	.4640	.4270	.3920	.2990	
		.300	.4100	.3770	.3200	.2550	.1700	
		.520	.2240	.1050	.0490	.0100	-.0630	
		.650	-.1710	-.5680	-.6100	-.6450	-.5970	
		.775	-.3160	-.3090	-.5250	-.5830	-.4810	
		.900		-.3760	-.4880	-.5350	-.4970	
MACH (4) = 1.248	BETAT (1) = -8.130	Z/BV	.158	.316	.600	.840	.925	
		X/CV						
		.000	.3460	.2460	.1960	.3270	.3610	
		.050	-.3160	-.4270	-.5190	-.6910	-.7390	
		.150	-.0850	-.4430	-.4950	-.6360	-.6620	
		.300	-.0870	-.4030	-.3490	-.5420	-.5410	
		.520	-.1690	-.2140	-.3990	-.4120	-.4030	
		.650	-.3510	-.5440	-.6640	-.6470	-.6450	
		.775	-.3500	-.4270	-.6070	-.6920	-.6350	
		.900		-.3800	-.4880	-.5590	-.5910	
MACH (4) = 1.249	BETAT (2) = -6.080	Z/BV	.158	.316	.600	.840	.925	
		X/CV						
		.000	.5250	.4180	.3680	.5080	.4560	
		.050	-.2780	-.3810	-.5120	-.6690	-.6820	
		.150	.0360	-.3430	-.3990	-.5530	-.5650	
		.300	.0030	-.2440	-.2350	-.4710	-.4420	
		.520	-.0990	-.0890	-.2670	-.3170	-.3080	
		.650	-.3130	-.5300	-.6410	-.5620	-.5870	
		.775	-.3370	-.4320	-.5480	-.5930	-.5940	
		.900		-.3670	-.5400	-.5740	-.5310	
MACH (4) = 1.245	BETAT (3) = -4.050	Z/BV	.158	.316	.600	.840	.925	
		X/CV						
		.000	.6750	.5510	.4850	.6040	.5050	
		.050	-.1710	-.3410	-.5460	-.5980	-.6060	
		.150	.1100	-.1700	-.4060	-.4610	-.4630	
		.300	.0490	-.0410	-.1000	-.3710	-.3460	
		.520	-.0550	-.0790	-.0980	-.0660	-.2210	
		.650	-.3130	-.5280	-.5510	-.4990	-.4580	
		.775	-.3310	-.4690	-.5150	-.5050	-.4360	
		.900		-.3860	-.5250	-.4980	-.3500	
MACH (4) = 1.246	BETAT (4) = -2.020	Z/BV	.158	.316	.600	.840	.925	
		X/CV						
		.000	.7840	.6560	.5610	.6530	.5410	
		.050	.0800	-.2770	-.4350	-.4810	-.4570	
		.150	.1460	.0300	-.0220	-.2990	-.3150	
		.300	.1420	.0560	.0180	.0480	.0720	

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (4) = 1.246	BETAT (4) = -2.020	Z/BV X/CV	.158	.316	.600	.840	.925
		.520	.0100	-.0250	-.0260	.0270	.0390
		.650	-.3200	-.5050	-.5020	-.4960	-.4190
		.775	-.3200	-.4330	-.4920	-.4960	-.4300
		.900		-.3760	-.5000	-.4810	-.3690

MACH (4) = 1.247	BETAT (5) = 2.080	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.7500	.6370	.6360	.6400	.4520
		.050	.3340	.1710	.1960	.2640	.2480
		.150	.2720	.2430	.2700	.2710	.2280
		.300	.2160	.2320	.2150	.2040	.1580
		.520	.1360	.0890	.0920	.0890	.0720
		.650	-.2200	-.4460	-.4640	-.4690	-.4210
		.775	-.2910	-.3360	-.4400	-.4730	-.4150
		.900		-.3180	-.4340	-.4580	-.4020

MACH (4) = 1.247	BETAT (6) = 4.140	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.5630	.6500	.6040	.5650	.3530
		.050	.4480	.3820	.4170	.4380	.3950
		.150	.3590	.3990	.3750	.3770	.3120
		.300	.3110	.3130	.3010	.2810	.2140
		.520	.2080	.1490	.1470	.1060	.0580
		.650	-.1740	-.4300	-.4490	-.4520	-.4090
		.775	-.2700	-.2600	-.4080	-.4460	-.4220
		.900		-.2830	-.3980	-.4250	-.4120

MACH (4) = 1.248	BETAT (7) = 6.190	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3700	.5550	.5500	.4940	.2730
		.050	.5180	.5210	.5460	.5550	.4870
		.150	.4230	.4600	.4660	.4560	.3730
		.300	.3950	.3980	.3700	.3390	.2640
		.520	.2740	.1960	.1750	.1410	.0620
		.650	-.1150	-.3970	-.4220	-.4310	-.3840
		.775	-.2490	-.1970	-.3710	-.4050	-.3980
		.900		-.2450	-.3390	-.3790	-.3550

MACH (4) = 1.251	BETAT (8) = 8.250	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1760	.4570	.4770	.4010	.1580
		.050	.5710	.6250	.6360	.6200	.5410
		.150	.4920	.5410	.5290	.5160	.4180
		.300	.4710	.4630	.4300	.3800	.2910
		.520	.3330	.2780	.1960	.1630	.0670

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBM003)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.251 BETAT (8) = 8.250

	Z/BV	.158	.316	.600	.840	.925
X/CV	.650	-.0580	-.3677	-.4070	-.4243	-.3760
	.775	-.2370	-.1500	-.3420	-.3840	-.3510
	.900		-.2190	-.3000	-.3470	-.3060

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

(REMOVED) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8495 INCHES YREF = .0000 INCHES
 ZREF = 39.8495 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 OEBINC = .500
 RUDDER = .000 ELEVON = .000
 RUPLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (1) = -8.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.5570	-1.0830	-1.0150	-.6890	-.3840
.050	-.7910	-.9860	-.9080	-.8590	-1.1730
.100	-.4580	-.9480	-.7890	-.7700	-1.0340
.150	-.4090	-.5220	-.6780	-.6120	-.7280
.200	-.4270	-.4150	-.5190	-.4620	-.4420
.250	-.3700	-.3870	-.4570	-.3940	-.5000
.300	-.3640	-.2840	-.3070	-.2920	-.2880
.350		-.2180	-.1800	-.1720	-.2070

MACH (1) = .597 BETAT (2) = -6.040

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1140	-.5280	-.5130	-.3080	-.0760
.050	-.5920	-.8990	-.7920	-.8030	-1.0580
.100	-.3400	-.5880	-.6700	-.6690	-.8500
.150	-.2870	-.3860	-.5360	-.5350	-.5070
.200	-.3600	-.4410	-.5030	-.4520	-.3800
.250	-.3550	-.4670	-.5050	-.4110	-.4840
.300	-.3170	-.2890	-.2760	-.2790	-.2190
.350		-.2120	-.1330	-.1210	-.1490

MACH (1) = .599 BETAT (3) = -4.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2480	-.0190	-.1040	.0720	.1670
.050	-.4010	-.7370	-.7980	-.9720	-.8550
.100	-.2330	-.3250	-.4660	-.4460	-.3790
.150	-.2130	-.2880	-.3780	-.3680	-.3560
.200	-.3210	-.4330	-.4890	-.4220	-.3880
.250	-.3640	-.4940	-.5430	-.4420	-.5010
.300	-.3100	-.2880	-.2520	-.2770	-.2170
.350		-.1980	-.1150	-.0820	-.0570

MACH (1) = .599 BETAT (4) = -2.000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4370	.3370	.2320	.3760	.3270
.050	-.1190	-.4540	-.4990	-.7130	-.4260
.100	-.1360	-.1990	-.2560	-.2720	-.2390
.150	-.2500	-.2160	-.2660	-.2710	-.2410
.200	-.2830	-.4050	-.4500	-.3930	-.3710
.250	-.3680	-.4950	-.5330	-.4610	-.5050
.300	-.2960	-.2820	-.2300	-.2530	-.1310
.350		-.1860	-.1030	-.1120	-.0370

(RENEWED)

AVES 11-707 IAS Q2A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .600	BETAT (5) = .020	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.4870	.4820	.4270	.4990	.3280
		.050	-.0270	-.1710	-.2020	-.2530	-.2110
		.100	-.0400	-.0810	-.1240	-.1380	-.1220
		.150	-.0750	-.1330	-.1810	-.1860	-.1640
		.200	-.2530	-.3620	-.4040	-.3610	-.3320
		.250	-.3830	-.4890	-.5030	-.4490	-.4710
		.300	-.775	-.2860	-.2180	-.1880	-.1030
		.350		-.1710	-.0990	-.0570	-.0280

MACH (1) = .599	BETAT (6) = 2.060	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3550	.4050	.3950	.3690	.1270
		.050	.0750	.0420	.0280	.0320	.0140
		.100	.0430	.0170	-.0050	-.0200	-.0260
		.150	-.0120	-.0630	-.0990	-.1110	-.0970
		.200	-.2170	-.3250	-.3620	-.3300	-.3010
		.250	-.3830	-.4740	-.4600	-.4350	-.5990
		.300	-.775	-.2780	-.2690	-.1930	-.1410
		.350		-.1730	-.0940	-.0680	-.0310

MACH (1) = .599	BETAT (7) = 4.090	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.0820	.1580	.1980	.1200	-.1750
		.050	.1930	.1960	.2050	.2100	.1550
		.100	.1220	.1080	.0980	.0850	.0540
		.150	.0510	.0140	-.0200	-.0440	-.0540
		.200	-.1780	-.2780	-.3150	-.2860	-.2640
		.250	-.3820	-.4520	-.4120	-.3790	-.3850
		.300	-.775	-.2850	-.2640	-.1780	-.1330
		.350		-.1760	-.0930	-.0750	-.0490

MACH (1) = .600	BETAT (8) = 6.120	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	-.3900	-.2040	-.0010	-.0990	-.4860
		.050	.3000	.3210	.3210	.3190	.2530
		.100	.2050	.1910	.1870	.1650	.1200
		.150	.1120	.0710	.0430	.0180	-.0110
		.200	-.1320	-.2300	-.2680	-.2470	-.2240
		.250	-.3730	-.4270	-.3750	-.3500	-.3500
		.300	-.775	-.2950	-.2500	-.1710	-.1320
		.350		-.1800	-.1050	-.0930	-.0690

MACH (1) = .601	BETAT (9) = 8.160	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	-1.0070	-.5540	-.2190	-.3460	-.8070
		.050	.3890	.3980	.4030	.3900	.3100
		.100	.2700	.2540	.2300	.2270	.1610
		.150	.1670	.1190	.0990	.0600	.0250

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2763

A/CES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

(REMARKS)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .601 BETAT (9) = 8.160

Z/BV	.158	.316	.600	.840	.925
X/CV	.520	-.1000	-.1990	-.2360	-.2250
.650	-.3650	-.4050	-.3530	-.3410	-.3390
.775	-.3010	-.2480	-.1830	-.1550	-.1140
.900		-.1860	-.1340	-.1350	-.1140

MACH (2) = .699 BETAT (1) = -8.160

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.0720	-.2310	-.3430	-.1540
.050	-.7400	-1.0430	-1.1540	-.8680	-.7010
.150	-.3640	-1.0550	-.9050	-.8880	-.7080
.300	-.4450	-.8530	-.8800	-.8040	-.7030
.520	-.5010	-.4330	-.7590	-.6430	-.6210
.650	-.4290	-.5100	-.6580	-.5560	-.5180
.775	-.4330	-.4140	-.5020	-.4830	-.4690
.900		-.3060	-.4670	-.4050	-.3820

MACH (2) = .897 BETAT (2) = -6.100

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2900	.0300	-.0970	.0600
.050	-.6190	-.9710	-1.0390	-.9930	-.7280
.150	-.3140	-.8540	-.8290	-.9250	-.7160
.300	-.3560	-.4580	-.7530	-.7580	-.6510
.520	-.4370	-.4290	-.7670	-.5520	-.4950
.650	-.4120	-.5940	-.6630	-.4890	-.4260
.775	-.3790	-.4710	-.4850	-.4070	-.3970
.900		-.3170	-.3390	-.3360	-.3210

MACH (2) = .902 BETAT (3) = -4.070

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.4260	.2420	.1100	.2580
.050	-.4790	-.8930	-.8890	-1.1160	-1.2590
.150	-.2580	-.5180	-.7240	-.6770	-1.1490
.300	-.2930	-.3330	-.5260	-.5720	-.4390
.520	-.3550	-.3790	-.4510	-.4190	-.3520
.650	-.4120	-.7150	-1.0020	-.3250	-.5290
.775	-.3560	-.4550	-.4360	-.2460	-.1920
.900		-.3940	-.2930	-.2840	-.1650

MACH (2) = .920 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.5120	.3940	.3140	.4240
.050	-.2040	-.6370	-.7240	-.9450	-.8250
.150	-.1820	-.2230	-.2750	-.3210	-.3380
.300	-.1740	-.1750	-.2490	-.3060	-.2390
.520	-.2460	-.2930	-.3380	-.3370	-.3340

DATE 21 SEP 75 TABULATED PRESSURE DATA - 1A9A

(REVERSED)

AVES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .920 BETAT (4) = -2.030

Z/BV X/CV	.158	.316	.600	.840	.925
.650	-4.180	-8.680	-1.0440	-3.330	-5.700
.775	-3.340	-4.280	-5.180	-2.400	-2.110
.900		-3.360	-3.330	-1.960	-1.620

MACH (2) = .902 BETAT (5) = 2.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4590	.4650	.4200	.3950	.3190
.050	.0710	.0340	.0640	.0570	-0.030
.100	.0360	.0620	.0470	.0010	-0.480
.150	.0220	.0140	-0.0390	-0.080	-0.140
.200	-0.1190	-0.2020	-0.2630	-0.2760	-0.2810
.250	-0.4500	-0.9770	-1.1070	-1.1300	-0.9320
.300	.775	-3.170	-7.250	-5.840	-3.710
.350		-3.120	-3.650	-3.500	-2.730

MACH (2) = .903 BETAT (6) = 4.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3280	.3760	.3160	.2460	-0.020
.050	.1950	.1940	.2150	.2050	.1140
.100	.1370	.1510	.1310	.0930	.0000
.150	.1020	.0910	.0180	-0.0550	-0.340
.200	-0.0600	-0.1630	-0.2620	-0.2310	-0.250
.250	-0.4430	-0.9920	-1.1080	-1.0740	-0.920
.300	.775	-3.400	-9.480	-5.530	-3.590
.350		-3.420	-2.650	-4.770	-2.240

MACH (2) = .900 BETAT (7) = 6.190

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1130	.2240	.2380	.1220	-0.150
.050	.3230	.3270	.3230	.2930	.2300
.100	.2400	.2350	.2300	.1560	.0500
.150	.1770	.1910	.0790	-0.0010	-0.0840
.200	-0.0180	-0.1390	-0.2470	-0.2750	-0.2380
.250	-0.4180	-0.9990	-1.0530	-1.1110	-0.9360
.300	.775	-3.470	-7.430	-8.320	-6.440
.350		-3.320	-2.640	-5.930	-2.210

MACH (2) = .698 BETAT (8) = 8.240

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.480	.0540	.0980	.0040	-0.2890
.050	.4260	.4340	.4090	.3680	.2600
.100	.3330	.3170	.2740	.2160	.1190
.150	.2510	.2160	.1320	.0480	-0.430
.200	.0320	-0.0300	-0.2140	-0.2450	-0.2220
.250		-0.8310	-0.0400	-0.1940	-0.1280

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(CONTINUED)

AMES 11-707 IAS O2A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE OF

MACH (2) = .898 BETAT (8) = 8.240 Z/BV .158 .316 .650 .840 .925
X/CV .775 -.3480 -.4030 -.4720 -1.0180 -.7470
.900 -.3060 -.3180 -.5380 -.3100

MACH (3) = 1.100 BETAT (1) = -8.190 Z/BV .158 .316 .650 .840 .925
X/CV .500 .2700 .0910 .0210 .1640 .1920
.050 -.2740 -.6450 -.7240 -.8890 -.9570
.150 -.1230 -.6800 -.6470 -.7830 -.9110
.300 -.1910 -.4790 -.5830 -.6500 -.7550
.520 -.2890 -.2610 -.6080 -.6180 -.5550
.650 -.4540 -.7760 -.8210 -.8740 -.8250
.775 -.4260 -.4930 -.7830 -.7720 -.7380
.900 -.4560 -.5880 -.6080 -.6080 -.5510

MACH (3) = 1.099 BETAT (2) = -6.120 Z/BV .158 .316 .650 .840 .925
X/CV .000 .4850 .3100 .2210 .3430 .3720
.150 -.2120 -.5810 -.7220 -.9150 -.9350
.150 -.0510 -.4820 -.5210 -.7810 -.8010
.300 -.1230 -.2290 -.3890 -.6870 -.6450
.520 -.2230 -.2250 -.3860 -.3700 -.4980
.650 -.4410 -.7610 -.7250 -.7880 -.7960
.775 -.4030 -.5240 -.7280 -.7970 -.8870
.900 -.4790 -.7180 -.7760 -.6850

MACH (3) = 1.101 BETAT (3) = -4.080 Z/BV .158 .316 .650 .840 .925
X/CV .000 .6220 .3700 .3990 .4760 .3760
.050 -.0910 -.5220 -.7280 -.8250 -.8340
.150 -.0040 -.2460 -.3410 -.6540 -.6570
.300 -.0670 -.1160 -.2250 -.4540 -.5170
.520 -.1520 -.1780 -.2100 -.1370 -.1250
.650 -.4260 -.7280 -.6870 -.7100 -.6820
.775 -.3970 -.5360 -.6970 -.7100 -.5610
.900 -.4530 -.7130 -.6850 -.5820

MACH (3) = 1.101 BETAT (4) = -2.030 Z/BV .158 .316 .650 .840 .925
X/CV .000 .6900 .5870 .4510 .5510 .4340
.050 .0830 .3970 .5910 .6040 .7220
.150 .0400 .0570 .1030 .1270 .1710
.300 .0020 .0570 .0530 .1690 .1530
.520 .0800 .1110 .1210 .0840 .1060
.650 .4140 .6870 .6870 .6870 .6510
.775 .3910 .5250 .6730 .6730 .5870

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AXES 1:-7:7 1A9 02A + S3 + T9 RIGHT VERTICAL

PERIOD

SECTION : U RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV	.900	-.4280	-.6830	-.6670	-.5570

MACH (3) = 1.099 BETAT (5) = 2.090

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6010	.5430	.5160	.3070
	.050	.2360	.0940	.1660	.1940
	.150	.1730	.1870	.1910	.1780
	.300	.1550	.1610	.1190	.0950
	.520	.0950	-.0110	-.0460	-.0680
	.650	-.3210	-.6360	-.6910	-.6470
	.775	-.3550	-.4420	-.6270	-.5420
	.900	-.4240	-.6220	-.6510	-.5810

MACH (3) = 1.099 BETAT (6) = 4.150

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.5390	.5560	.4870	.4370
	.050	.3310	.3720	.3340	.3370
	.150	.2610	.2850	.2760	.2570
	.300	.2420	.2370	.1930	.1480
	.520	.1100	.0700	.0040	-.0370
	.650	-.2920	-.5210	-.6690	-.6430
	.775	-.3490	-.3980	-.6110	-.6580
	.900	-.4130	-.5800	-.6220	-.5890

MACH (3) = 1.102 BETAT (7) = 6.210

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3430	.4470	.4190	.3410
	.050	.4360	.4390	.4420	.4330
	.150	.3670	.3680	.3480	.3220
	.300	.3150	.2950	.2490	.1950
	.520	.1570	.0630	.1200	-.0280
	.650	-.2300	-.6770	-.6420	-.6570
	.775	-.3280	-.3530	-.5690	-.6230
	.900	-.3950	-.3950	-.5570	-.5490

MACH (3) = 1.098 BETAT (8) = 8.290

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.1020	.3050	.3250	.2420
	.050	.4970	.5410	.5240	.4930
	.150	.4250	.4470	.4120	.3740
	.300	.3180	.3570	.3020	.2370
	.520	.2450	.0920	.0300	-.0070
	.650	-.1780	-.5710	-.6240	-.6650
	.775	-.3230	-.3130	-.5300	-.4950
	.900	-.3980	-.4210	-.5450	-.5150

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBM004)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL		DEPENDENT VARIABLE CP	
MACH (4) = 1.248	BETAT (1) = -8.140	Z/BV	X/CV
		.000	.2870
		.050	-.1930
		.100	-.4430
		.150	-.4600
		.200	-.1090
		.250	-.1890
		.300	-.3610
		.350	-.3510
		.400	-.3700
		.450	-.316
		.500	.2360
		.550	.5320
		.600	.5000
		.650	.3530
		.700	.4190
		.750	.6820
		.800	.6960
		.850	.6180
		.900	.840
		.925	.925
MACH (4) = 1.246	BETAT (2) = -6.100	Z/BV	X/CV
		.000	.5080
		.050	-.1390
		.100	.0580
		.150	-.3450
		.200	-.1770
		.250	-.1160
		.300	-.5620
		.350	-.3240
		.400	-.3420
		.450	-.3660
		.500	.316
		.550	.600
		.600	.3370
		.650	.5220
		.700	.4030
		.750	.4480
		.800	.2960
		.850	.5570
		.900	.5820
		.925	.5020
MACH (4) = 1.244	BETAT (3) = -4.060	Z/BV	X/CV
		.000	.6150
		.050	-.0320
		.100	.0950
		.150	.0260
		.200	-.0770
		.250	-.3150
		.300	-.3310
		.350	.5340
		.400	.3510
		.450	.1760
		.500	.0330
		.550	.1000
		.600	.5450
		.650	.456
		.700	.3830
		.750	.4520
		.800	.5320
		.850	.4900
		.900	.840
		.925	.925
MACH (4) = 1.247	BETAT (4) = -2.020	Z/BV	X/CV
		.000	.7450
		.050	.1320
		.100	.1300
		.150	.0560
		.200	-.0170
		.250	-.3240
		.300	-.3230
		.350	.6260
		.400	.5170
		.450	.4830
		.500	.3020
		.550	.0240
		.600	.0130
		.650	.5920
		.700	.4310
		.750	.5010
		.800	.4990
		.850	.5010
		.900	.4850
		.925	.3920
MACH (4) = 1.245	BETAT (5) = 2.070	Z/BV	X/CV
		.000	.7230
		.050	.3160
		.100	.1420
		.150	.2450
		.200	.2140
		.250	.2010
		.300	.1940
		.350	.5960
		.400	.2480
		.450	.2550
		.500	.2130
		.550	.4050
		.600	.2350
		.650	.2480
		.700	.2480
		.750	.2480
		.800	.2480
		.850	.2480
		.900	.2480
		.925	.2480

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

(RBNR04)

SECTION (1) RIGHT VERTICAL
DEPENDENT VARIABLE CP

MACH (4) = 1.245	BETAT (5) = 2.070	Z/BV X/CV	.158	.316	.600	.840	.925
		.520	.1090	.0700	.0780	.0760	.0590
		.650	-.2200	-.4550	-.4630	-.4700	-.4240
		.775	-.2860	-.3440	-.4410	-.4710	-.4300
		.900		-.3270	-.4340	-.4570	-.3990
MACH (4) = 1.248	BETAT (6) = 4.120	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.5100	.6200	.5620	.5200	.3120
		.050	.4150	.3350	.3880	.4130	.3720
		.150	.3170	.3250	.3500	.3500	.2890
		.300	.2750	.2900	.2720	.2640	.1910
		.520	.1850	.1320	.1290	.0930	.1460
		.650	-.1790	-.4360	-.4570	-.4620	-.4220
		.775	-.2730	-.2760	-.4160	-.4520	-.4230
		.900		-.2970	-.3990	-.4300	-.4150
MACH (4) = 1.245	BETAT (7) = 6.170	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3590	.5410	.5170	.4560	.2290
		.050	.4630	.4870	.5140	.5160	.4510
		.150	.3720	.4240	.4350	.4220	.3420
		.300	.3560	.3620	.3370	.3100	.2320
		.520	.2450	.1760	.1520	.1160	.0330
		.650	-.1270	-.4090	-.4410	-.4510	-.4170
		.775	-.2540	-.2210	-.3910	-.4270	-.4230
		.900		-.2630	-.3590	-.4070	-.3640
MACH (4) = 1.245	BETAT (8) = 8.210	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1410	.4330	.4420	.3580	.1760
		.050	.4990	.5780	.6070	.5890	.5120
		.150	.4280	.4990	.4990	.4780	.3980
		.300	.4220	.4320	.3970	.3540	.2650
		.520	.3020	.2060	.1740	.1390	.0430
		.650	-.0670	-.3810	-.4210	-.4410	-.3920
		.775	-.2330	-.1740	-.3580	-.3690	-.3550
		.900		-.2330	-.3140	-.3650	-.3210

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 Q2A + S3 + T9 RIGHT VERTICAL (RENGUS) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 OFBINC = .500
 RUDDER = .000 ELEVON = .000
 RUDFLR = .000

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (1) = .020

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.4690	.4560	.3950	.4600	.4600	.2820
.050	-.0550	-.1890	-.2180	-.2400	-.2400	-.2060
.100	-.0620	-.0990	-.1330	-.1460	-.1460	-.1260
.150	-.0940	-.1480	-.1860	-.1950	-.1950	-.1720
.200	-.2620	-.3710	-.4080	-.3630	-.3630	-.3360
.250	-.3840	-.4890	-.5070	-.4460	-.4460	-.4610
.300	-.2840	-.2850	-.2190	-.1810	-.1810	-.1100
.350	-.1840	-.1090	-.0750	-.0750	-.0750	-.0300

MACH (1) = .598 BETAT (2) = 4.080

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.0790	.1260	.1570	.0770	.0770	-.2220
.050	.1770	.1810	.1950	.1960	.1960	.1470
.100	.1090	.0940	.0900	.0760	.0760	.0480
.150	.0360	-.0040	-.0510	-.0460	-.0460	-.0520
.200	-.1870	-.2790	-.3000	-.2860	-.2860	-.2570
.250	-.3840	-.4480	-.4000	-.3660	-.3660	-.3740
.300	-.2820	-.2650	-.1770	-.1350	-.1350	-.0830
.350	-.1780	-.1060	-.0730	-.0730	-.0730	-.0400

MACH (1) = .598 BETAT (3) = 6.120

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	-.3570	-.2330	-.0490	-.1590	-.1590	-.5430
.050	.2790	.2970	.3090	.3040	.3040	.2330
.100	.1830	.1730	.1700	.1560	.1560	.1060
.150	.0970	.0590	.0330	.0280	.0280	-.0240
.200	-.1450	-.2440	-.2780	-.2510	-.2510	-.2230
.250	-.3770	-.4270	-.3720	-.3460	-.3460	-.3450
.300	-.2970	-.2550	-.1780	-.1380	-.1380	-.0960
.350	-.1910	-.1120	-.0890	-.0890	-.0890	-.0740

MACH (1) = .598 BETAT (4) = 8.150

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	-.9770	-.5960	-.2650	-.3970	-.3970	-.8500
.050	.3720	.3840	.3680	.3800	.3800	.2880
.100	.2640	.2430	.2400	.2220	.2220	.1480
.150	.1570	.1130	.0890	.0560	.0560	.0150
.200	-.0990	-.2000	-.2280	-.2120	-.2120	-.1940
.250	-.3570	-.4100	-.3360	-.3200	-.3200	-.3280
.300	-.2980	-.2540	-.1720	-.1430	-.1430	-.1080
.350	-.1950	-.1320	-.1320	-.1320	-.1320	-.1090

DATE 21 SEP 73

RELATED PRESSURE DATA - IAGA

AVES 11-707 IAG OCA + S3 + T9 RIGHT VERTICAL

(REVISED)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .903	BETAT (1) = -9.170	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.0810	-.2480	-.3850	-.2080	-.1070
		.050	-.4980	-1.0620	-1.1580	-.8140	-.6810
		.100	-.3830	-1.0850	-.9370	-.8280	-.6930
		.150	-.4680	-.5930	-.9150	-.7650	-.6510
		.200	-.5170	-.4750	-.8300	-.6110	-.5750
		.250	-.4360	-.4950	-.7170	-.5420	-.4880
		.300	-.4510	-.4030	-.6610	-.4760	-.4590
		.350		-.3110	-.5260	-.3950	-.3630

MACH (2) = .901 BETAT (2) = -6.110

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2920	.0030	-.1350	.0090	.0310
.050	-.4790	-.9880	-1.0540	-.9500	-.6960
.100	-.3330	-.8710	-.8990	-.8890	-.6950
.150	-.3910	-.4290	-.7850	-.7280	-.6240
.200	-.4490	-.4470	-.7880	-.5470	-.4910
.250	-.3900	-.5410	-.6630	-.4790	-.4190
.300	-.3890	-.4220	-.4940	-.4050	-.3890
.350		-.3110	-.3480	-.3280	-.3130

MACH (2) = .902 BETAT (3) = -4.070

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.4220	.2210	.0780	.2170	.1490
.050	-.4570	-.9140	-.9080	-1.1160	-1.2450
.100	-.2860	-.5270	-.7370	-.6870	-1.0780
.150	-.3160	-.3440	-.5440	-.5740	-.4510
.200	-.3660	-.3840	-.4440	-.4220	-.3670
.250	-.3880	-.4180	-.4940	-.3880	-.4560
.300	-.3460	-.4180	-.4230	-.2470	-.1910
.350		-.3750	-.2520	-.1740	-.1320

MACH (2) = .901 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.4810	.3620	.2770	.3490	.2600
.050	-.2070	-.6620	-.6320	-.9350	-.7810
.100	-.2210	-.2400	-.2870	-.3210	-.3170
.150	-.2140	-.1850	-.2270	-.3100	-.2610
.200	-.2610	-.3040	-.3470	-.3310	-.3510
.250	-.3050	-.7390	-1.0650	-.3150	-.5180
.300	-.3220	-.4020	-.4360	-.2330	-.2160
.350		-.3260	-.3310	-.1910	-.1520

MACH (2) = .903 BETAT (5) = 2.070

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.4320	.4240	.3020	.3440	.5840
.050	.0260	-.0080	.0550	.0550	-.0170
.100	-.0740	.0350	.0310	-.0070	-.0670
.150	-.0000	-.0040	-.0020	-.1220	-.1590

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (5) = 2.070

Z/BV X/CV	.158	.316	.600	.840	.925
.520	-.1310	-.2160	-.2740	-.2940	-.3060
.650	-.4450	-.9750	-1.1070	-1.1210	-.9910
.775	-.3150	-.4110	-.6660	-.5490	-.3620
.900		-.3110	-.3600	-.4120	-.2000

MACH (2) = .900 BETAT (6) = 4.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3150	.3410	.2670	.1910	-.0900
.050	.1540	.1640	.2050	.1900	.0960
.150	.1050	.1240	.1130	.0710	-.0190
.300	.0760	.0730	.0070	-.0670	-.1520
.520	-.0850	-.1810	-.2670	-.2970	-.3140
.650	-.4530	-.9950	-1.0510	-1.0540	-.9120
.775	-.3450	-.4230	-.8750	-.4810	-.3910
.900		-.3380	-.2670	-.4840	-.1930

MACH (2) = .904 BETAT (7) = 6.170

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1240	.1920	.1630	.0670	-.1970
.050	.2820	.2590	.3070	.2750	.1840
.150	.2090	.2160	.1910	.1390	.0430
.300	.1520	.1370	.0590	-.0140	-.1030
.520	-.0390	-.1460	-.2660	-.2870	-.3110
.650	-.4260	-.9370	-1.0610	-1.1070	-1.0370
.775	-.3510	-.4110	-.6960	-.8590	-.6830
.900		-.3330	-.2910	-.5720	-.2840

MACH (2) = .899 BETAT (8) = 8.230

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1050	.0240	.0520	-.0470	-.3170
.050	.3610	.3960	.3800	.3440	.2330
.150	.2870	.2880	.2480	.1970	.0820
.300	.2170	.1880	.1140	.0280	-.0680
.520	.0110	-.1130	-.2280	-.2600	-.2900
.650	-.3930	-.8530	-1.0380	-1.0930	-1.0280
.775	-.3450	-.4070	-.4070	-.9450	-.6780
.900		-.3060	-.3000	-.5100	-.2710

MACH (3) = 1.100 BETAT (1) = -8.200

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3030	.1000	-.0030	.1400	.1530
.050	-.2590	-.6590	-.7320	-.8820	-.9630
.150	-.1310	-.6670	-.6630	-.7760	-.9170
.300	-.2030	-.3370	-.5960	-.6540	-.7550
.520	-.3150	-.2220	-.6190	-.6250	-.5510

SECTION (1) RIGHT VERTICAL		DEPENDENT VARIABLE CP	
MACH (3) = 1.100	BETAT (1) = -8.200	Z/BV X/CV	.158 .316 .600 .840 .925
		.650	-.4400 -.7710 -.8190 -.8900 -.9340
		.775	-.4220 -.4830 -.7710 -.7200 -.6720
		.900	-.4410 -.5790 -.5680 -.5450
MACH (3) = 1.097	BETAT (2) = -6.130	Z/BV X/CV	.158 .316 .600 .840 .925
		.000	.4620 .2990 .1930 .3110 .2500
		.050	-.1000 -.5910 -.7360 -.9190 -.9350
		.100	-.0650 -.4950 -.5610 -.7970 -.8070
		.300	-.1440 -.1780 -.3970 -.6960 -.6580
		.520	-.2470 -.2510 -.3840 -.3790 -.5230
		.650	-.4540 -.7730 -.7310 -.7870 -.7980
		.775	-.4080 -.5100 -.7400 -.7940 -.6730
		.900	-.4720 -.6750 -.7730 -.7730 -.6450
MACH (3) = 1.101	BETAT (3) = -4.080	Z/BV X/CV	.158 .316 .600 .840 .925
		.000	.5790 .4450 .3250 .4390 .3320
		.080	-.0130 -.7400 -.8260 -.8360
		.150	-.0220 -.2450 -.3510 -.6700 -.6670
		.300	-.0950 -.1390 -.2350 -.4010 -.5220
		.520	-.1770 -.2020 -.2260 -.1530 -.1430
		.650	-.4310 -.7420 -.6870 -.7370 -.6040
		.775	-.3790 -.5210 -.7090 -.7200 -.5710
		.900	-.4360 -.7160 -.7030 -.5750
MACH (3) = 1.099	BETAT (4) = -2.030	Z/BV X/CV	.158 .316 .600 .840 .925
		.000	.6730 .5310 .4170 .5050 .3870
		.050	.0780 -.4050 -.6040 -.6120 -.6250
		.150	.0200 -.0790 -.1230 -.1920 -.1920
		.300	-.0500 -.0770 -.0870 -.1130 -.0750
		.520	-.1110 -.1300 -.1400 -.1060 -.1220
		.650	-.4140 -.7000 -.6950 -.6980 -.6450
		.775	-.3780 -.5140 -.6900 -.7040 -.5890
		.900	-.4310 -.6910 -.6790 -.5730
MACH (3) = 1.101	BETAT (5) = 2.080	Z/BV X/CV	.158 .316 .600 .840 .925
		.000	.6350 .5640 .5020 .4760 .2640
		.050	.2060 .0150 .1130 .1560 .1260
		.150	.1260 .1210 .1620 .1430 .0880
		.300	.1000 .1180 .0970 .0690 .0740
		.520	.0210 -.0300 -.0400 -.0750 -.0910
		.650	-.3370 -.6450 -.6750 -.6990 -.6510

SECTION (1) RIGHT VERTICAL

$$\text{WACH} (3) = 1.191 \text{ BETAT} (5) = 2.080$$

DEPENDENT VARIABLE CP

Z/SV	.158	.316	.650	.840	.925
K/CV	.775	-.4590	-.6370	-.6870	-.5660
.900		-.4340	-.6300	-.6600	-.5970

$$\text{MACH (3)} = 1.102 \quad \text{BETAT (6)} = 4.140$$

Z/BV	.158	.316	.630	.840	.925
N/CV	.5110	.5280	.4460	.3960	.1640
.050	.2880	.2470	.2910	.3050	.2430
.150	.2780	.2410	.2370	.2280	.1520
.300	.1980	.1960	.1530	.1250	.0520
.500	.0740	.0040	-.0160	-.0610	-.0850
.600	-.3110	-.6250	-.6850	-.6890	-.6560
.775	-.3570	-.4210	-.6140	-.6940	-.6510
.900		-.4250	-.5920	-.6320	-.6340

$$\text{MACH} (3) = 1.100 \quad \text{BETAT} (7) = 6.200$$

Z/BV	.158	.316	.630	.845	.925
K/CV	.500	.4290	.3720	.3310	.3090
	.550	.3620	.3090	.3050	.3160
	.150	.2940	.3090	.2880	.2020
	.300	.2680	.2520	.1690	.1560
	.500	.1210	.0390	-.0490	-.280
	.650	-.2490	-.6190	-.6810	-.6370
	.775	-.3410	-.5870	-.6390	-.5370
	.900	-.4110	-.5560	-.5980	-.5650

WACH (3) = 1.100 BETAT (3) = 3.270

Z/BV	.158	.316	.630	.845	.925
X/CV	.090	.2865	.2810	.1945	-.1670
.090	.4250	.4950	.4880	.4690	.3870
.150	.3620	.4050	.3770	.3495	.2850
.300	.3290	.3190	.2730	.2130	.1190
.520	.1750	.0720	.0145	-.0280	-.1230
.690	-.2010	-.3800	-.6300	-.6680	-.6220
.775	-.3240	-.3330	-.5410	-.6545	-.6840
.900		-.4070	-.4970	-.5590	-.5926

WACH (4) = 1.245 BETAT (1) = -0.150

Z/BV	X/CV	Z/BV	X/CV
.158	.316	.600	.840
.2700	.2110	.1330	.2540
.050	.0940	.5340	.7340
.150	.2590	.4870	.6870
.10610	.4990	.3740	.5650
.300	.1030	.3450	.4190
.520	.12100	.1890	.2140
.6400	.3620	.5730	.6850
.775	.3500	.3990	.5770
.925			

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
 ANES 11-707 1A9 C&A + S3 + T9 RIGHT VERTICAL
 (REVISED)

SECTION (1) RIGHT VERTICAL

MACH (4) = 1.245 BETAT (1) = -8.150
 Z/BV .158 .316 .600 .840 .925
 X/CV .900 -.3570 -.4920 -.5430 -.6060

MACH (4) = 1.245 BETAT (2) = -6.110
 Z/BV .158 .316 .600 .840 .925
 X/CV .000 .4860 .3910 .3130 .4340 .3610
 .050 .0050 -.3780 -.5330 -.6800 -.6950
 .150 .0550 -.3450 -.4030 -.5690 -.5920
 .300 -.0270 -.0830 -.2480 -.4870 -.4670
 .520 -.1460 -.1450 -.2460 -.2860 -.3350
 .650 -.3400 -.5800 -.5840 -.5570 -.5920
 .775 -.3420 -.4250 -.5520 -.5820 -.5540
 .900 -.3650 -.5620 -.5730 -.4750

MACH (4) = 1.245 BETAT (3) = -4.060

Z/BV .158 .316 .600 .840 .925
 X/CV .000 .5110 .5060 .4070 .5150 .4110
 .050 .1230 -.3560 -.5510 -.6090 -.6150
 .150 .0890 -.1830 -.3510 -.4320 -.4780
 .300 .0080 -.0330 -.1380 -.3710 -.3570
 .520 -.1230 -.1260 -.1260 -.0990 -.0720
 .650 -.3260 -.5700 -.5330 -.5120 -.4470
 .775 -.3350 -.4280 -.5270 -.5100 -.4270
 .900 -.3720 -.5300 -.5030 -.3950

MACH (4) = 1.246 BETAT (4) = -2.020

Z/BV .158 .316 .600 .840 .925
 X/CV .000 .6790 .6020 .4830 .5690 .4460
 .050 .1650 -.2780 -.4410 -.4980 -.4670
 .150 .1270 .0000 -.0610 -.3030 -.3450
 .300 .0400 .0120 -.0280 .0010 .0220
 .520 -.0480 -.0710 -.0660 -.1480 -.0730
 .650 -.3130 -.5310 -.5060 -.4980 -.4360
 .775 -.3220 -.4310 -.5070 -.5110 -.4460
 .900 -.3730 -.5150 -.4940 -.3990

MACH (4) = 1.243 BETAT (5) = 2.060

Z/BV .158 .316 .600 .840 .925
 X/CV .000 .6770 .6400 .5480 .5530 .3580
 .050 .2890 .1110 .1340 .2200 .2100
 .150 .2210 .1820 .2170 .2290 .1890
 .300 .1610 .1770 .1770 .1750 .1220
 .520 .0600 .0480 .0560 .0560 .0330
 .650 -.2360 -.4620 -.4700 -.4760 -.4330
 .775 -.2870 -.3510 -.4500 -.4770 -.4370
 .900 -.3400 -.4410 -.4640 -.4110

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RE-REUS)

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (4) = 1.241	BETAT (6) = 4.120	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.4440	.5920	.5200	.4800	.2760
		.050	.3740	.2880	.3520	.3790	.3460
		.150	.2760	.2760	.3160	.3190	.2640
		.300	.2330	.2570	.2450	.2460	.1650
		.520	.1500	.1060	.1090	.0770	.0370
		.650	-.1930	-.4480	-.4660	-.4720	-.4340
		.775	-.2700	-.2990	-.4270	-.4610	-.4230
		.900		-.3120	-.4100	-.4400	-.4160
MACH (4) = 1.244	BETAT (7) = 6.160	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3450	.5140	.4840	.4150	.1880
		.050	.4110	.4240	.4740	.4840	.4270
		.150	.3230	.3920	.4020	.3980	.3180
		.300	.3100	.3360	.3160	.2910	.2190
		.520	.2140	.1530	.1390	.1010	.0140
		.650	-.1420	-.4150	-.4430	-.4560	-.4120
		.775	-.2530	-.2430	-.3970	-.4330	-.3950
		.900		-.2740	-.3660	-.4090	-.3740
MACH (4) = 1.247	BETAT (8) = 8.210	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1420	.3980	.3980	.3130	.0620
		.050	.4420	.5210	.5600	.5530	.4790
		.150	.3570	.4580	.4640	.4460	.3590
		.300	.3640	.3920	.3670	.3270	.2390
		.520	.2690	.1830	.1530	.1180	.0260
		.650	-.0960	-.3910	-.4280	-.4500	-.4370
		.775	-.2400	-.1940	-.3680	-.4120	-.3720
		.900		-.2460	-.3230	-.3780	-.3390

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 O2A + S3 + T9 RIGHT VERTICAL

REVISED (27 APR 72)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8495 INCHES YMRP = .0000 INCHES
 BREF = 39.8495 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 OPRINC = .500
 RUDDER = .000 ELEVON = .000
 RUFLUR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.4480	-1.1380	-1.0780	-.7740	-.4900
.050	-.6530	-1.0600	-.9060	-.8320	-1.1300
.150	-.4510	-1.0110	-.8070	-.7490	-1.0120
.300	-.4150	-.4530	-.6970	-.6100	-.6660
.520	-.4470	-.4200	-.5330	-.4540	-.3510
.650	-.3990	-.3910	-.4600	-.3830	-.4140
.775	-.3680	-.2740	-.3070	-.2940	-.2370
.900		-.2150	-.1820	-.1760	-.1770

MACH (1) = .599 BETAT (2) = -6.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.0920	-.5920	-.5910	-.3830	-.1860
.050	-.5060	-.9260	-.7660	-.7650	-.9350
.150	-.3520	-.5990	-.6630	-.6690	-.6870
.300	-.3320	-.3760	-.5300	-.5250	-.4370
.520	-.3740	-.4130	-.4880	-.4310	-.3780
.650	-.3460	-.4080	-.4800	-.3970	-.4270
.775	-.3440	-.2790	-.2710	-.2670	-.1850
.900		-.2110	-.1330	-.1170	-.1030

MACH (1) = .599 BETAT (3) = -4.040

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2340	-.0480	-.1650	-.0120	.0880
.050	-.4060	-.7160	-.7070	-.7920	-.8280
.150	-.2600	-.3480	-.4720	-.4950	-.3750
.300	-.2360	-.2920	-.3740	-.3670	-.3030
.520	-.3240	-.4270	-.4710	-.4120	-.3690
.650	-.3540	-.4710	-.5350	-.4250	-.4620
.775	-.3060	-.2910	-.2520	-.2630	-.1480
.900		-.2150	-.1140	-.0330	-.0490

MACH (1) = .600 BETAT (4) = -2.000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4080	.2810	.1850	.3250	.2570
.050	-.1970	-.4980	-.4510	-.6390	-.4300
.150	-.1720	-.2110	-.2600	-.2730	-.2170
.300	-.1710	-.2230	-.2720	-.2650	-.2140
.520	-.2910	-.4040	-.4410	-.3870	-.3540
.650	-.3490	-.4910	-.5220	-.4330	-.4710
.775	-.2950	-.2820	-.2320	-.2450	-.1250
.900		-.1940	-.1060	-.0680	-.0320

(REVERSE)

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11- 1A9 02A + S3 + T9 RIGHT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (1) = .600 BETAT (5) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.4540	.4310	.3720	.4300	.2510	.2510
.050	-.0690	-.1980	-.2280	-.2310	-.2160	-.2160
.100	-.0780	-.1080	-.1390	-.1500	-.1280	-.1280
.150	-.0960	-.1510	-.1910	-.1930	-.1700	-.1700
.200	-.2630	-.3700	-.3960	-.3540	-.3270	-.3270
.250	-.3830	-.4940	-.4970	-.4310	-.4470	-.4470
.300	-.2830	-.2840	-.2210	-.1930	-.1080	-.1080
.350	-.1860	-.1060	-.0720	-.0280	-.0280	-.0280

MACH (1) = .601 BETAT (6) = 2.050

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3380	.3590	.3160	.2910	.0470	.0470
.050	.0380	.0070	.0140	.0150	-.0040	-.0040
.100	.0080	-.0050	-.0240	-.0330	-.0400	-.0400
.150	-.0450	-.0830	-.1110	-.1160	-.1140	-.1140
.200	-.2300	-.3280	-.3580	-.3180	-.2650	-.2650
.250	-.3850	-.4760	-.4530	-.4090	-.4100	-.4100
.300	-.2710	-.2730	-.1970	-.1440	-.0330	-.0330
.350	-.1850	-.1000	-.0680	-.0280	-.0280	-.0280

MACH (1) = .601 BETAT (7) = 4.080

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.0710	.0860	.1220	.0300	-.2650	-.2650
.050	.1460	.1650	.1850	.1390	.1390	.1390
.100	.0890	.0780	.0700	.0700	.0380	.0380
.150	.0230	-.0120	-.0430	-.0520	-.0670	-.0670
.200	-.1850	-.2860	-.3140	-.2830	-.2470	-.2470
.250	-.3920	-.4470	-.4640	-.3690	-.3600	-.3600
.300	-.2950	-.2730	-.1820	-.1280	-.0820	-.0820
.350	-.1510	-.0980	-.0740	-.0470	-.0470	-.0470

MACH (1) = .599 BETAT (8) = 5.110

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	-.3720	-.2630	-.1820	-.2180	-.6730	-.6730
.050	.2630	.2810	.2910	.2870	.2170	.2170
.100	.1670	.1590	.1550	.1490	.0930	.0930
.150	.0840	.0470	.0230	.0040	-.0320	-.0320
.200	-.1470	-.2440	-.2740	-.2470	-.2210	-.2210
.250	-.3920	-.4370	-.4510	-.3410	-.3410	-.3410
.300	-.2950	-.2630	-.1740	-.1390	-.0840	-.0840
.350	-.1510	-.0980	-.0680	-.0340	-.0340	-.0340

MACH (1) = .600 BETAT (9) = 8.140

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	-.8470	-.6320	-.3520	-.4410	-.8420	-.8420
.050	.3330	.3620	.3710	.3500	.2740	.2740
.100	.2340	.2310	.2210	.2110	.1410	.1410
.150	.1440	.1310	.1090	.0810	.0060	.0060

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REVISED)

AVES 11-707 1A9 08A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (9) = 8.140

Z/BV X/CV	.158	.316	.600	.840	.925
.520	-.1090	-.2030	-.2210	-.2110	-.1840
.650	-.3590	-.4030	-.3300	-.3130	-.3120
.775	-.2940	-.2490	-.1690	-.1370	-.1150
.900		-.2020	-.1240	-.1240	-.1030

MACH (2) = .904 BETAT (1) = -8.180

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.0970	-.2790	-.4430	-.2670	-.1460
.050	-.4660	-.1030	-.1130	-.7690	-.6530
.150	-.4040	1.1090	-.9790	-.7910	-.6410
.300	-.4860	-.4080	-.9510	-.7290	-.6160
.520	-.5430	-.4970	-.8590	-.6050	-.5420
.650	-.4440	-.4820	-.7330	-.5290	-.4490
.775	-.4400	-.4060	-.7330	-.4540	-.4560
.900		-.3210	-.5340	-.3550	-.3750

MACH (2) = .901 BETAT (2) = -6.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2430	-.0360	-.1920	-.0280	-.0240
.050	-.4000	1.0030	-.1080	-.9150	-.6780
.150	-.3490	-.8840	-.8590	-.8630	-.6710
.300	-.4180	-.3750	-.8100	-.7170	-.6270
.520	-.4610	-.4500	-.7650	-.5340	-.4850
.650	-.3890	-.5020	-.6160	-.4720	-.4150
.775	-.3850	-.4090	-.4640	-.4010	-.3670
.900		-.3120	-.3250	-.3290	-.2970

MACH (2) = .902 BETAT (3) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4000	.1980	.0330	.1840	.1070
.050	-.3970	-.9170	-.8840	1.0820	-1.1760
.150	-.3010	-.6350	-.7220	-.6390	-.5980
.300	-.3370	-.3420	-.5610	-.5670	-.5110
.520	-.3800	-.3670	-.4190	-.4360	-.3860
.650	-.3800	-.5370	1.0240	-.3330	-.4440
.775	-.3430	-.4470	-.4280	-.2240	-.2170
.900		-.3400	-.2310	-.1530	-.1170

MACH (2) = .901 BETAT (4) = -2.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4440	.3330	.2360	.3530	.2180
.050	-.2170	-.7150	-.6650	-.9070	-.7720
.150	-.2690	-.2470	-.3030	-.3200	-.3240
.300	-.2500	-.2040	-.2640	-.3210	-.2720
.520	-.2760	-.3090	-.3550	-.3330	-.3630

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2779

AMES 11-707 1A9 OGA + S3 + T9 RIGHT VERTICAL

(CENTERS)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .951 BETAT (4) = -2.030

Z/BV X/CV	.158	.316	.600	.840	.925
.650	-.3880	-.7280	-1.0790	-.2810	-.4240
.775	-.3200	-.4150	-.4810	-.2110	-.2210
.900		-.3350	-.3300	-.1700	-.1830

MACH (2) = .953 BETAT (5) = 2.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4120	.3970	.3440	.3110	.0460
.050	-.0070	-.0450	.0440	.0380	-.0340
.150	-.0340	.0130	.0170	-.0210	-.0870
.300	-.0230	-.0150	-.0620	-.0500	-.1650
.520	-.1420	-.2270	-.3120	-.3250	-.3250
.650	-.4320	-.5160	-1.1130	-1.1140	-.9720
.775	-.3000	-.4090	-.5570	-.5130	-.3440
.900		-.3080	-.3020	-.3760	-.1840

MACH (2) = .973 BETAT (6) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3080	.3080	.2210	.1410	-.1370
.050	.1240	.1390	.1870	.1950	.0910
.150	.0780	.1030	.0980	.0640	-.0280
.300	.0580	.0820	-.0070	-.0750	-.1540
.520	-.0930	-.1830	-.2710	-.3190	-.3490
.650	-.4290	-.9430	-1.0800	-1.0820	-.8840
.775	-.3240	-.4090	-.6370	-.5420	-.3360
.900		-.3260	-.2140	-.4350	-.1710

MACH (2) = .957 BETAT (7) = 6.180

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1030	.1560	.1160	.0190	-.2410
.050	.2270	.2810	.2930	.2680	.1630
.150	.1740	.1920	.1770	.1350	.0810
.300	.1280	.1190	.0490	-.0180	-.1100
.520	-.0550	-.1500	-.2650	-.2940	-.3280
.650	-.4040	-.8980	-1.0720	-1.1180	-.8470
.775	-.3250	-.3910	-.4770	-.7950	-.4580
.900		-.3030	-.2400	-.4230	-.2540

MACH (2) = .954 BETAT (8) = 8.230

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.0760	-.0200	.0110	-.1190	-.3620
.050	.3110	.3730	.3830	.3270	.2190
.150	.2550	.2600	.2350	.1800	.0700
.300	.1990	.1720	.1020	.0140	-.0790
.520	.1440	-.1210	-.2350	-.2700	-.3100
.650	-.3350	-.7750	-1.0390	-1.0370	-.8020

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 21-737 1A9 00A + S3 + T9 RIGHT VERTICAL

REVERSE

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = .954 BETAT (8) = 8.230
Z/BV .158 .316 .600 .840 .925
X/CV .775 .3450 .3430 .5750 .6910
.950 .2950 .2890 .4580 .2280

MACH (3) = 1.099 BETAT (1) = -8.210
Z/BV .158 .316 .600 .840 .925
X/CV .000 .3450 .5920 .5450 .5650 .1090
.050 .1670 .6780 .7470 .8650 .8960
.150 .1480 .6740 .6810 .7740 .9270
.300 .2290 .1930 .6160 .6530 .7470
.520 .3280 .3280 .6420 .6420 .5340
.650 .4590 .7630 .8110 .8180 .8500
.775 .4360 .4960 .7720 .6430 .6220
.950 .6710 .5780 .5340 .5520

MACH (3) = 1.100 BETAT (2) = -6.140
Z/BV .158 .316 .600 .840 .925
X/CV .000 .4290 .2810 .1930 .2710 .2730
.050 .0740 .6170 .7500 .9280 .9470
.150 .1020 .4630 .5960 .8020 .8220
.300 .1910 .1820 .4100 .7050 .6740
.520 .2680 .2840 .3780 .3840 .5310
.650 .4500 .7790 .7310 .7520 .7830
.775 .4100 .5080 .7520 .7940 .6890
.950 .4870 .6170 .7740 .6540

MACH (3) = 1.100 BETAT (3) = -4.080
Z/BV .158 .316 .600 .840 .925
X/CV .000 .4700 .4200 .2950 .4010 .2860
.050 .0280 .5350 .7850 .8390 .8450
.150 .0410 .2470 .3540 .6780 .6810
.300 .1300 .1640 .2500 .3820 .5070
.520 .2070 .2300 .2650 .2700 .2650
.650 .4430 .7670 .7010 .7540 .8480
.775 .3730 .5000 .7270 .7380 .5910
.950 .4510 .6500 .7150 .6010

MACH (3) = 1.099 BETAT (4) = -2.030
Z/BV .158 .316 .600 .840 .925
X/CV .000 .5740 .5510 .3770 .4660 .3350
.050 .0610 .4160 .6130 .6170 .6100
.150 .1010 .2040 .1420 .1620 .2250
.300 .0700 .1190 .2210 .2230 .1570
.520 .1390 .1530 .1670 .1240 .1420
.650 .4110 .7240 .7010 .7050 .6250
.775 .3720 .5030 .7030 .7170 .6510

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
 AMES 11-707 1A9 CEA + S3 + T9 RIGHT VERTICAL (RBR06)

SECTION (1) RIGHT VERTICAL		DEPENDENT VARIABLE CP	
MACH (3) = 1.099	BETAT (4) = -2.030	Z/BV X/CV	
		.900	.316 .600 .840 .925
			-.4250 -.6960 -.6950 -.5940
MACH (3) = 1.101	BETAT (5) = 2.080	Z/BV X/CV	
		.000	.5920 .5300 .4570 .4320 .2200
		.050	.1770 -.0280 .0710 .1240 .0970
		.150	.0980 .0780 .1310 .1120 .0990
		.300	.0620 .0710 .0630 .1430 -.0100
		.520	-.0160 -.0320 -.0630 -.0940 -.1130
		.650	-.3550 -.6990 -.6870 -.7110 -.6650
		.775	-.3650 -.4710 -.6520 -.6990 -.5820
		.900	-.4370 -.6420 -.6720 -.6080
MACH (3) = 1.100	BETAT (6) = 4.130	Z/BV X/CV	
		.000	.4030 .4940 .4070 .3910 .1190
		.050	.2390 .1890 .2580 .2710 .2160
		.150	.1410 .2050 .2110 .1990 .1250
		.300	.1490 .1630 .1250 .1010 .0260
		.520	.0390 -.0180 -.0350 -.1830 -.1080
		.650	-.3230 -.6350 -.6770 -.6990 -.6710
		.775	-.3630 -.4360 -.6260 -.6740 -.5620
		.900	-.4340 -.6140 -.6440 -.6200
MACH (3) = 1.100	BETAT (7) = 6.190	Z/BV X/CV	
		.000	.316 .600 .840 .925
		.050	.4030 .3300 .2480 .1090
		.150	.3400 .3640 .3660 .2950
		.300	.2880 .2770 .2640 .1780
		.520	.2210 .1830 .1450 .0630
		.650	.0160 -.0230 -.0680 .1450
		.775	-.6170 -.6670 -.6970 -.6530
		.900	-.3490 -.5980 -.6480 -.5350
			-.4210 -.5670 -.6080 -.5770
MACH (3) = 1.101	BETAT (8) = 8.260	Z/BV X/CV	
		.000	.316 .600 .840 .925
		.050	.2050 .2640 .2390 .1440 -.1090
		.150	.3470 .340 .4480 .4330 .3480
		.300	.2980 .3620 .3440 .3150 .2200
		.520	.2960 .2840 .2430 .1880 .0930
		.650	.1470 .0510 -.0080 -.0480 -.1500
		.775	-.2270 -.5900 -.6420 -.6820 -.6380
		.900	-.3340 -.5560 -.6170 -.4830
			-.4110 -.5050 -.5620 -.5470

AMES 11-707 1A9 O2A + S3 + T9 RIGHT VERTICAL (RBMK06)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (1) = -8.160

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3440	.1950	.1040	.2020
.050	-.1960	-.4740	-.5520	-.7010	-.7530
.150	-.0210	-.4870	-.4970	-.6640	-.6940
.300	-.1020	-.2130	-.3800	-.5420	-.5780
.520	-.2050	-.2030	-.4010	-.4230	-.4440
.650	-.3770	-.5940	-.6210	-.6990	-.6640
.775	-.3510	-.4100	-.6070	-.7080	-.6600
.900		-.3700	-.5030	-.5710	-.6300

MACH (4) = 1.248 BETAT (2) = -6.110

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.4660	.3590	.2740	.3950
.050	-.0050	-.4140	-.5520	-.6870	-.7120
.150	.0060	-.3300	-.4200	-.5770	-.5920
.300	-.0720	-.0940	-.2690	-.4980	-.4770
.520	-.1460	-.1780	-.2400	-.2880	-.3560
.650	-.3550	-.5930	-.5630	-.5640	-.5950
.775	-.3480	-.4420	-.5570	-.5810	-.5790
.900		-.3870	-.5710	-.5760	-.4890

MACH (4) = 1.248 BETAT (3) = -4.070

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3980	.4770	.3690	.4750
.050	.1400	-.3710	-.5510	-.6130	-.6110
.150	.0540	-.1760	-.3630	-.4860	-.4790
.300	-.0300	-.0510	-.1540	-.3780	-.3670
.520	-.1260	-.1500	-.1500	-.0700	-.0740
.650	-.3600	-.5800	-.5350	-.5230	-.4540
.775	-.3440	-.4280	-.5380	-.5170	-.4360
.900		-.3780	-.5370	-.5100	-.4070

MACH (4) = 1.246 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.5060	.5720	.4360	.5270
.050	.1830	-.2810	-.4470	-.4860	-.3930
.150	.1080	-.0190	-.0810	-.3100	-.3480
.300	.0220	-.0100	-.0430	-.0220	-.0050
.520	-.0650	-.0960	-.0870	-.0280	-.0210
.650	-.3020	-.5410	-.5070	-.4980	-.4360
.775	-.3200	-.4260	-.5110	-.5130	-.4580
.900		-.3710	-.5170	-.4950	-.4190

MACH (4) = 1.248 BETAT (5) = 2.070

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.5530	.6130	.5030	.5010
.050	.2650	.0880	.1060	.1870	.3080
.150	.1960	.1510	.1920	.1950	.1800
.300	.1350	.1490	.1430	.1480	.1950

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AWES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL (REMARKS)

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (5) = 2.070 Z/BV .158 .316 .600 .840 .925
X/CV .520 .0300 .0280 .0320 .0100
.650 -.2510 -.4690 -.4890 -.4490
.775 -.2940 -.3730 -.4660 -.4890 -.4430
.900 -.3470 -.4560 -.4750 -.4310

MACH (4) = 1.247 BETAT (6) = 4.110 Z/BV .158 .316 .600 .840 .925
X/CV .000 .3750 .5640 .4790 .4330 .2310
.050 .3190 .2550 .3170 .3570 .3250
.150 .2400 .2410 .2870 .2960 .2470
.300 .1920 .2270 .2260 .2300 .1540
.520 .1180 .0840 .0940 .0670 .0230
.650 -.2270 -.4510 -.4610 -.4700 -.4320
.775 -.2760 -.3190 -.4270 -.4370 -.4110
.900 -.3200 -.4100 -.4390 -.4180

MACH (4) = 1.248 BETAT (7) = 6.160 Z/BV .158 .316 .600 .840 .925
X/CV .000 .3400 .4820 .4420 .3720 .1390
.050 .3650 .3780 .4450 .4560 .4040
.150 .2780 .3460 .3750 .3710 .2950
.300 .2640 .3070 .2890 .2690 .1870
.520 .1850 .1340 .1210 .0820 -.0730
.650 -.1620 -.4210 -.4460 -.4660 -.4230
.775 -.2620 -.2580 -.4050 -.4390 -.3960
.900 -.2850 -.3730 -.4180 -.3820

MACH (4) = 1.248 BETAT (8) = 8.200 Z/BV .158 .316 .600 .840 .925
X/CV .000 .1880 .3690 .3590 .2710 .0280
.050 .3970 .4590 .5270 .5250 .4540
.150 .3010 .4120 .4340 .4180 .3380
.300 .3180 .3610 .3350 .3060 .2160
.520 .2380 .1630 .1370 .0970 .0260
.650 -.1320 -.3980 -.4350 -.4590 -.4190
.775 -.2550 -.2120 -.3780 -.4220 -.3800
.900 -.2610 -.3350 -.3900 -.3470

APES 11-707 IA9 02A + S3 + T9 RIGHT VERTICAL

(RBME07) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUDFLR = .000

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (1) = -8.100

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	-.4590	-1.2780	-1.1600	-.8850	-.5730
.050	-.6460	-1.1040	-.8940	-.8740	-1.1350
.150	-.4700	-1.0410	-.8210	-.7600	-1.0690
.300	-.4260	-.4400	-.7040	-.6110	-.6570
.520	-.4320	-.4260	-.5590	-.4680	-.3200
.650	-.4030	-.4030	-.4640	-.3810	-.3810
.775	-.3930	-.2840	-.3100	-.3010	-.2450
.900		-.2200	-.1890	-.1860	-.1970

MACH (1) = .596 BETAT (2) = -6.060

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	-.1280	-.6620	-.6780	-.4890	-.2760
.050	-.4980	-.9420	-.7840	-.7660	-.9630
.150	-.3620	-.6490	-.6860	-.6750	-.7160
.300	-.3460	-.3810	-.5590	-.5470	-.4720
.520	-.4020	-.4250	-.4990	-.4250	-.3740
.650	-.3620	-.4200	-.4730	-.3830	-.4140
.775	-.3680	-.2890	-.2730	-.2610	-.1910
.900		-.2240	-.1400	-.1240	-.1210

MACH (1) = .598 BETAT (3) = -4.050

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1940	-.1320	-.2440	-.0750	.0270
.050	-.3960	-.7440	-.7020	-.6910	-.8280
.150	-.2780	-.3110	-.5070	-.4900	-.4190
.300	-.2630	-.3060	-.3860	-.3850	-.3100
.520	-.3390	-.4160	-.4740	-.4030	-.3630
.650	-.3440	-.4470	-.5140	-.4160	-.4440
.775	-.3230	-.2890	-.2510	-.2550	-.1420
.900		-.2150	-.1190	-.0870	-.0490

MACH (1) = .595 BETAT (4) = -2.020

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3790	.2470	.1160	.2610	.2090
.050	-.2300	-.5460	-.4910	-.6750	-.5030
.150	-.1920	-.2370	-.2910	-.2920	-.2450
.300	-.1970	-.2370	-.2850	-.2750	-.2400
.520	-.2980	-.4020	-.4400	-.3830	-.3490
.650	-.3540	-.4790	-.5120	-.4230	-.4600
.775	-.2980	-.2820	-.2360	-.2400	-.1230
.900		-.2040	-.1100	-.0680	-.0300

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RSMR07)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (6) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.4430	.4120	.3360	.4090	.2310
.050	-.0830	-.2220	-.2400	-.2330	-.2250
.150	-.0970	-.1200	-.1490	-.1570	-.1300
.300	-.1150	-.1630	-.1990	-.1970	-.1740
.520	-.2740	-.3740	-.4010	-.3500	-.3220
.650	-.3760	-.4860	-.4930	-.4200	-.4340
.775	-.2830	-.2830	-.2190	-.1920	-.1030
.900		-.1900	-.1040	-.0730	-.0250

MACH (1) = .597 BETAT (6) = 2.050

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3270	.3450	.2950	.2600	.0220
.050	.0230	-.0030	.0090	.0190	-.0720
.150	-.0070	-.0120	-.0270	-.0310	-.0400
.300	-.0510	-.0870	-.1100	-.1190	-.1230
.520	-.2300	-.3290	-.3490	-.3160	-.2820
.650	-.3810	-.4690	-.4460	-.4000	-.3940
.775	-.2810	-.2770	-.2010	-.1450	-.0630
.900		-.1860	-.1000	-.0680	-.0310

MACH (1) = .599 BETAT (7) = 4.080

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.0660	.0730	.0940	-.0020	-.2980
.050	.1390	.1520	.1710	.1790	.1260
.150	.0740	.0630	.0690	.0590	.0330
.300	.0290	-.0240	-.0470	-.0540	-.0760
.520	-.1900	-.2890	-.3090	-.2870	-.2560
.650	-.3890	-.4520	-.3960	-.3680	-.3580
.775	-.2930	-.2750	-.1850	-.1320	-.0910
.900		-.1940	-.1020	-.0740	-.0490

MACH (1) = .597 BETAT (8) = 6.110

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	-.3260	-.3010	-.1320	-.2520	-.6430
.050	.2290	.2640	.2770	.2790	.2030
.150	.1470	.1390	.1470	.1390	.0930
.300	.0700	.0330	.0200	-.0030	-.0370
.520	-.1510	-.2480	-.2710	-.2430	-.2200
.650	-.3790	-.4350	-.3540	-.3340	-.3360
.775	-.3060	-.2670	-.1710	-.1390	-.1060
.900		-.1960	-.1060	-.0970	-.0760

MACH (1) = .597 BETAT (9) = 8.140

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	-.7320	-.6760	-.3330	-.4950	-.9190
.050	.2860	.3440	.3570	.3610	.2630
.150	.2130	.2140	.2210	.2110	.1290
.300	.1280	.0910	.0940	.0450	-.0020

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TABULATED PRESSURE DATA - 1A9A

(RBN507)

AXES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .597	BETAT (9) = 8.140	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.520	-.1100	-.2030	-.2210	-.2110	-.1860
		.650	-.3580	-.3880	-.3160	-.3040	-.3090
		.775	-.2960	-.2440	-.1610	-.1360	-.1080
		.900		-.1870	-.1200	-.1250	-.0980

MACH (2) = .900	BETAT (1) = -8.180	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.0780	-.3440	-.5400	-.3330	-.1880
		.050	-.4860	-1.0960	-1.1370	-.7080	-.5820
		.150	-.4250	-1.1450	-1.0490	-.7050	-.5930
		.300	-.4990	-.4280	-1.0610	-.6630	-.5540
		.520	-.5490	-.4950	-.8790	-.6070	-.4950
		.650	-.4410	-.4680	-.7720	-.5240	-.4390
		.775	-.4430	-.4030	-.6740	-.4650	-.4320
		.900		-.3260	-.4940	-.4300	-.3860

MACH (2) = .899	BETAT (2) = -6.140	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.2060	-.0850	-.2640	-.1330	-.0950
		.050	-.4180	-1.0210	-1.0960	-.9330	-.6930
		.150	-.3730	-.9250	-.8740	-.8670	-.6930
		.300	-.4380	-.3900	-.8440	-.7340	-.6130
		.520	-.4700	-.4630	-.7880	-.5610	-.5020
		.650	-.4070	-.4750	-.6150	-.4890	-.4300
		.775	-.3980	-.4120	-.4710	-.4180	-.3800
		.900		-.3280	-.3030	-.3420	-.2960

MACH (2) = .699	BETAT (3) = -4.080	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3110	.1480	-.0300	.1160	.0530
		.050	-.3060	-.9500	-.9200	-1.0880	-1.1310
		.150	-.3230	-.5760	-.7710	-.6280	-.9330
		.300	-.3730	-.3660	-.5930	-.6340	-.5820
		.520	-.4070	-.4050	-.4180	-.4510	-.3670
		.650	-.3660	-.4650	-1.0230	-.3400	-.4400
		.775	-.3510	-.4220	-.4290	-.2520	-.2130
		.900		-.3240	-.2020	-.1600	-.0800

MACH (2) = .901	BETAT (4) = -2.030	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3970	.3070	.1910	.3070	.1710
		.050	-.2370	-.7710	-.6420	-.9190	-.8230
		.150	-.2700	-.2620	-.3510	-.3670	-.3980
		.300	-.2550	-.2320	-.2780	-.3380	-.2770
		.520	-.2840	-.3140	-.3670	-.3540	-.3680

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RENG07)

ANES 11-707 1A9 02A + 93 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL
DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (4) = -2.030
Z/BV .158 .316 .600 .840 .925
X/CV
.650 -.3740 -.6670 -1.0230 -.2695 -.3790
.775 -.3230 -.4160 -.4840 -.1890 -.1930
.900 -.3150 -.3060 -.1430 -.1080

MACH (2) = .901 BETAT (5) = .020
Z/BV .158 .316 .600 .840 .925
X/CV
.000 .3980 .3450 .3410 .3580 .1820
.050 -.1260 -.3680 -.2550 -.2830 -.3290
.150 -.1930 -.1140 -.1120 -.1680 -.1780
.300 -.1360 -.1100 -.1590 -.2260 -.2210
.520 -.2060 -.2730 -.3210 -.3310 -.3440
.650 -.3940 -.7560 -1.1280 -.3370 -.3580
.775 -.3030 -.3950 -.5230 -.2580 -.1940
.900 -.3050 -.3110 -.2200 -.1310

MACH (2) = .901 BETAT (6) = 2.070
Z/BV .158 .316 .600 .840 .925
X/CV
.000 .3800 .3700 .3150 .2850 .0150
.050 -.0280 -.0540 .0430 .0320 -.0450
.150 -.0540 .0050 .0120 .0330 .1030
.300 -.0410 .0330 .0710 .1430 .1870
.520 -.1500 .2240 .2820 .3170 .3290
.650 -.4190 .8630 -1.1140 -1.0450 .9240
.775 -.2970 .4110 .5250 .4970 .3130
.900 .3110 .2740 .2220 .1550

MACH (2) = .906 BETAT (7) = 4.120
Z/BV .158 .316 .600 .840 .925
X/CV
.000 .2200 .2840 .1840 .1040 .1720
.050 .0610 .1300 .1760 .1710 .0820
.150 .0480 .0940 .0920 .0540 .1360
.300 .0310 .0490 .0200 .0790 .1680
.520 .1120 .1910 .2800 .3290 .3350
.650 .4170 .8890 -1.1020 -1.0740 .9770
.775 .3140 .4010 .5280 .4760 .3110
.900 .3160 .1990 .2540 .1340

MACH (2) = .901 BETAT (8) = 6.180
Z/BV .158 .316 .600 .840 .925
X/CV
.000 .0990 .1340 .0730 .0270 .2780
.050 .1810 .2520 .2710 .2580 .1530
.150 .1380 .1760 .1620 .1180 .0320
.300 .1120 .1070 .0360 .0340 .1280
.520 .0590 .1640 .2720 .3000 .3330
.650 .4050 .7090 -1.0710 -1.1150 .1420

(REMARKS)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (8) = 6.180

Z/BV	.158	.316	.600	.840	.925
X/CV					
.775	-.4030	-.4150	-.5320	-.3970	
.900	-.3130	-.2040	-.3630	-.2310	

MACH (2) = .901 BETAT (9) = 8.220

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	-.0350	-.0550	-.0400	-.1590	-.4010
.050	.2630	.3430	.3450	.3090	.1960
.100	.2170	.2490	.2190	.1630	.0500
.150	.300	.1770	.1540	.0780	.0210
.200	-.0110	-.1310	-.2630	-.2870	-.3190
.250	-.3950	-.7990	-1.0430	-1.1010	-1.0350
.300	.775	-.3920	-.3240	-.5120	-.5020
.350	.900	-.3040	-.2650	-.4670	-.2520

MACH (3) = 1.100 BETAT (1) = -8.210

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2880	.0810	-.0590	.0430	.0560
.050	-.0650	-.6870	-.7550	-.8430	-.9680
.100	.159	-.1460	-.6660	-.7670	-.9220
.150	.300	-.2330	-.2310	-.6330	-.7040
.200	.520	-.3560	-.3350	-.6160	-.6520
.250	.650	-.4750	-.7480	-.8100	-.7730
.300	.775	-.4440	-.5020	-.8020	-.6270
.350	.900	-.4440	-.5850	-.4830	-.5310

MACH (3) = 1.099 BETAT (2) = -6.140

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3610	.2600	.1300	.2340	.1630
.050	-.1110	-.6280	-.7590	-.9360	-.9540
.100	.150	-.1090	-.4700	-.6040	-.8300
.150	.300	-.1820	-.2070	-.4260	-.7160
.200	.520	-.2780	-.3000	-.3850	-.3680
.250	.650	-.4460	-.7770	-.7340	-.7780
.300	.775	-.4110	-.5000	-.7610	-.8000
.350	.900	-.4920	-.5530	-.7670	-.6640

MACH (3) = 1.098 BETAT (3) = -4.080

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3630	.3960	.2660	.3700	.2490
.050	.0460	-.5350	-.7560	-.8430	-.8480
.100	.150	-.0620	-.2390	-.3840	-.6920
.150	.300	-.1470	-.1780	-.2670	-.2490
.200	.520	-.2290	-.2510	-.2690	-.1890
.250	.650	-.4600	-.7550	-.7100	-.6650
.300	.775	-.3850	-.4820	-.7380	-.7470
.350	.900				-.6020

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANCS 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(REVERSED)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.098 BETAT (3) = -4.080

Z/BV	.158	.316	.600	.840	.925
X/CV	.900	-.4260	-.5750	-.7250	-.6150

MACH (3) = 1.101 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV	.500	.5130	.4780	.3450	.4340
	.050	.0630	-.4310	-.6250	-.6900
	.150	-.0180	-.1240	-.1630	-.1830
	.300	-.0970	-.1170	-.1320	-.1430
	.520	-.1640	-.1750	-.1760	-.1400
	.650	-.4130	-.7220	-.7060	-.7080
	.775	-.3670	-.4990	-.7080	-.7230
	.900	-.4240	-.6930	-.7020	-.6030

MACH (3) = 1.099 BETAT (5) = 2.070

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.5070	.5040	.4210	.3930
	.050	.1530	-.0480	.0530	.1110
	.150	.0760	.0570	.1140	.0960
	.300	.0360	.0480	.0440	.0320
	.520	-.0370	-.0580	-.0820	-.1100
	.650	-.3730	-.6650	-.6950	-.7190
	.775	-.3640	-.4840	-.6500	-.7060
	.900	-.4380	-.6480	-.6800	-.6220

MACH (3) = 1.100 BETAT (6) = 4.140

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3230	.4620	.3690	.3100
	.050	.1880	.1580	.2340	.2520
	.150	.1170	.1710	.1890	.1800
	.300	.1110	.1420	.1080	.0980
	.520	.0110	-.0340	-.0490	-.0990
	.650	-.3110	-.6430	-.6810	-.7070
	.775	-.3620	-.4450	-.6010	-.6770
	.900	-.4410	-.6090	-.6480	-.6250

MACH (3) = 1.101 BETAT (7) = 6.200

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2660	.3690	.2920	.2090
	.050	.2700	.2970	.3390	.3440
	.150	.1930	.2580	.2520	.2370
	.300	.1980	.2000	.1570	.1250
	.520	.0720	.0010	-.0430	-.0850
	.650	-.2910	-.6250	-.6750	-.7120
	.775	-.3560	-.4470	-.6070	-.6570
	.900	-.4230	-.5730	-.670	-.5840

(RENEW7)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE QP

MACH (3) = 1.101 BETAT (8) = 8.250

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2130	.2410	.2010	.0990	-.1610
.050	.2950	.4000	.4230	.4070	.3250
.150	.2470	.3340	.3190	.2880	.1970
.300	.2490	.2610	.2190	.1690	.0720
.520	.1230	.0340	-.0260	-.0660	-.1710
.650	-.2490	-.5970	-.6490	-.6900	-.6490
.775	-.3450	-.3670	-.5650	-.6230	-.4870
.900		-.4230	-.5140	-.5710	-.5530

MACH (4) = 1.249 BETAT (1) = -8.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3320	.1600	.0800	.1610	.1770
.050	-.0720	-.4970	-.5650	-.7010	-.7480
.150	-.0570	-.4480	-.4980	-.6990	-.7050
.300	-.1360	-.1450	-.3960	-.5290	-.5880
.520	-.2280	-.2450	-.3990	-.4240	-.4560
.650	-.3910	-.5950	-.5960	-.7050	-.6580
.775	-.3660	-.4270	-.6030	-.7060	-.6580
.900		-.3900	-.5610	-.5930	-.6270

MACH (4) = 1.248 BETAT (2) = -6.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3070	.3370	.2420	.3490	.2700
.050	.0260	-.4370	-.5590	-.6930	-.7040
.150	-.0030	-.2570	-.4270	-.5850	-.5990
.300	-.0670	-.0930	-.2830	-.5070	-.4960
.520	-.1580	-.2000	-.2460	-.2650	-.3690
.650	-.3620	-.5920	-.5490	-.5730	-.5950
.775	-.3530	-.4280	-.5620	-.5840	-.5450
.900		-.3890	-.5800	-.5770	-.4930

MACH (4) = 1.248 BETAT (3) = -4.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3550	.4460	.3300	.4520	.3330
.050	.1350	.3920	-.5580	-.6140	-.6180
.150	.0320	-.1640	-.3330	-.4870	-.4880
.300	-.0500	-.0700	-.1810	-.3700	-.3720
.520	-.1400	-.1710	-.1600	-.0860	-.0810
.650	-.3730	-.5810	-.5250	-.5330	-.4840
.775	-.3390	-.4170	-.5360	-.5330	-.4480
.900		-.3650	-.5480	-.5230	-.3970

MACH (4) = 1.247 BETAT (4) = -2.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4680	.5400	.3950	.4820	.3430
.050	.1620	-.3010	-.4590	-.5050	-.4740
.150	.0780	-.0350	-.1100	-.3210	-.3580
.300	-.0480	-.0390	-.0750	-.0540	-.1370

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TABULATED PRESSURE DATA - 1A9A

(REVERSE)

AMES 11-707 IAS OEA + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL		DEPENDENT VARIABLE CP	
MACH (4) = 1.247	BETAT (4) = -2.030	Z/BV X/CV	
		.520	.158 .316 .600 .840 .925
		.680	-.0900 -.1200 -.1130 -.0980 -.0470
		.775	-.3270 -.5540 -.5180 -.5070 -.4470
		.900	-.3190 -.4310 -.5260 -.5250 -.4590
			-.3750 -.5320 -.5760 -.4160
		Z/BV X/CV	
MACH (4) = 1.247	BETAT (5) = 2.060	.158	.316 .600 .840 .925
		.4520	.5950 .4530 .4590 .2670
		.050	.2290 .0390 .0280 .1350 .1380
		.150	.1590 .1110 .1510 .1670 .1310
		.300	.0840 .1060 .1130 .1190 .0690
		.520	.0180 .0010 .0030 .0130 .0180
		.680	-.2810 -.4840 -.4870 -.4900 -.4440
		.775	-.3010 -.4300 -.4710 -.4920 -.4430
		.900	-.3640 -.4630 -.4800 -.4230
		Z/BV X/CV	
MACH (4) = 1.245	BETAT (6) = 4.100	.158	.316 .600 .840 .925
		.3530	.5400 .4430 .4010 .2030
		.090	.2360 .2040 .2650 .3080 .2810
		.150	.1800 .1930 .2440 .2540 .2070
		.300	.1410 .1850 .1810 .1950 .1240
		.520	.0740 .0510 .0690 .0420 .0040
		.680	-.2430 -.4620 -.4770 -.4850 -.4410
		.775	-.2830 -.3420 -.4480 -.4720 -.4080
		.900	-.3350 -.4310 -.4550 -.4140
		Z/BV X/CV	
MACH (4) = 1.246	BETAT (7) = 6.150	.158	.316 .600 .840 .925
		.2560	.4580 .4080 .3340 .1120
		.090	.3160 .3010 .3890 .4050 .3670
		.150	.2280 .2920 .3300 .3320 .2620
		.300	.2130 .2700 .2500 .2400 .1560
		.520	.1500 .0970 .0970 .0570 -.0250
		.680	-.2050 -.4370 -.4590 -.4760 -.4360
		.775	-.2770 -.2820 -.4210 -.4520 -.3950
		.900	-.3030 -.3920 -.4350 -.3940
		Z/BV X/CV	
MACH (4) = 1.247	BETAT (8) = 8.190	.158	.316 .600 .840 .925
		.1570	.3440 .3290 .2310 -.0030
		.050	.3450 .3770 .4770 .4860 .4240
		.150	.2440 .3520 .3910 .3850 .3070
		.300	.2600 .3180 .3070 .2760 .1920
		.520	.1980 .1360 .1210 .0870 -.0550

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TABULATED PRESSURE DATA - IASA

(REVERSE)

ANES 11-707 IAS 02A + S3 + T9 RIGHT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (4) = 1.247 BETAT (8) = 8.190

Z/BV X/CV	.158	.316	.600	.840	.925
.650	-.1630	-.4080	-.4410	-.4680	-.4230
.775	-.2670	-.2330	-.3960	-.4270	-.3990
.900		-.2770	-.3470	-.3990	-.3820

MACH (5) = 1.395 BETAT (1) = -8.180

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1520	.1480	.1280	.1950	.2370
.050	-.1160	-.4220	-.4630	-.5870	-.6160
.150	-.0390	-.4560	-.4100	-.5350	-.5530
.300	-.1100	-.1830	-.3150	-.4790	-.4550
.520	-.2030	-.1850	-.3250	-.3790	-.3650
.650	-.3490	-.4850	-.5190	-.5270	-.5330
.775	-.3250	-.3660	-.5060	-.5610	-.5570
.900		-.3220	-.4470	-.5230	-.5450

MACH (5) = 1.395 BETAT (2) = -6.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2950	.3510	.2860	.3820	.3170
.050	-.0380	-.3450	-.4650	-.5380	-.5450
.150	.0230	-.3140	-.3740	-.4530	-.4510
.300	-.0470	-.0780	-.2520	-.3890	-.3710
.520	-.1250	-.1410	-.2070	-.2990	-.2860
.650	-.3010	-.4330	-.4610	-.4550	-.4520
.775	-.3190	-.3880	-.4530	-.4890	-.4720
.900		-.3460	-.4590	-.4740	-.4830

MACH (5) = 1.397 BETAT (3) = -4.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3360	.5030	.3780	.4930	.3750
.050	.1570	-.2810	-.4410	-.4580	-.4610
.150	.0710	-.1510	-.3520	-.3560	-.3530
.300	.0620	-.0100	-.1000	-.2840	-.2690
.520	-.0980	-.1030	-.1030	-.0980	-.1690
.650	-.2850	-.4650	-.4350	-.4140	-.3980
.775	-.3280	-.3720	-.4320	-.4130	-.3470
.900		-.3440	-.4360	-.4110	-.3280

MACH (5) = 1.396 BETAT (4) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6890	.6240	.4620	.5050	.3460
.050	.1840	-.0730	-.1610	-.1630	-.1130
.150	.1630	.0940	.0780	.0950	.1120
.300	.0940	.0690	.0490	.0730	.0710
.520	.0140	.0020	.0070	.0170	.0220
.650	-.2810	-.3880	-.3760	-.3510	-.3230

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TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 Q2A + S3 + T9 RIGHT VERTICAL

(FELW277)

SECTION (2) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (5) = 1.396	BETAT (4) = .020	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.775	-.3070	-.3740	-.3720	-.3720	-.3250
		.900		-.3360	-.3750	-.3680	-.3220
MACH (5) = 1.394	BETAT (5) = 4.110	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3210	.5840	.4800	.4440	.2480
		.050	.2950	.2640	.2620	.3300	.3230
		.150	.2230	.2120	.2680	.2940	.2630
		.300	.1600	.1870	.2310	.2380	.1830
		.520	.1150	.1200	.1160	.1120	.0500
		.650	-.2280	-.3360	-.3380	-.3370	-.3020
		.775	-.2720	-.2940	-.3210	-.3330	-.2930
		.900		-.2670	-.3140	-.3280	-.3010

MACH (5) = 1.392	BETAT (6) = 8.210	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.0330	.3160	.3590	.2820	.0710
		.050	.3730	.3880	.5130	.5320	.4970
		.150	.2330	.3150	.4390	.4450	.3800
		.300	.2130	.3500	.3610	.3570	.2730
		.520	.2300	.2070	.2210	.1820	.1680
		.650	-.1510	-.2830	-.3030	-.3140	-.2850
		.775	-.2070	-.1580	-.2610	-.2960	-.2630
		.900		-.1910	-.2320	-.2550	-.2320

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

FILE 2784

AVES 11-707 1A9 00A + S3 + T9 RIGHT VERTICAL

REVISED 127 APR 73

REFERENCE DATA

SRFP = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LRFP = 39.8490 INCHES YGRP = .0000 INCHES
 BRFP = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 2.0000 ORBITAL = .500
 RUDSR = .0000 ELEVOR = .000
 RUDPLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE QP

MACH (1) = .599 BETAT (1) = -8.090

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.000	.000	.000	.000
	-4580	-1.2780	-1.1890	-9510	-6400
	.050	-6310	-1.1450	-9720	-8480
	.150	-4870	-1.0090	-8200	-7780
	.300	-4270	-.4310	-7560	-6550
	.500	-4460	-.4330	-5830	-5100
	.650	-4040	-.4150	-4780	-3880
	.775	-3940	-.2940	-3240	-3090
	.900		-.2330	-.1930	-.1930

MACH (1) = .598 BETAT (2) = -6.060

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.000	.000	.000	.000
	-1000	-.6840	-.7370	-.5750	-.3450
	.050	-.4870	-.9580	-.7870	-.7580
	.150	-.3760	-.6100	-.6860	-.6800
	.300	-.3550	-.3750	-.5900	-.5430
	.500	-.3870	-.4360	-.5140	-.4140
	.650	-.3660	-.4370	-.4800	-.3770
	.775	-.3560	-.3010	-.2840	-.2610
	.900		-.2330	-.1460	-.1280

MACH (1) = .596 BETAT (3) = -4.040

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.000	.000	.000	.000
	.1620	-.1220	-.2570	-.1080	-.0285
	.050	-.3480	-.7320	-.6920	-.6630
	.150	-.2750	-.3560	-.4980	-.4530
	.300	-.2640	-.2980	-.3750	-.3720
	.500	-.3410	-.4110	-.4550	-.3960
	.650	-.3360	-.4400	-.5050	-.4020
	.775	-.3210	-.2870	-.2440	-.2470
	.900		-.2140	-.1070	-.0840

MACH (1) = .597 BETAT (4) = -2.010

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.000	.000	.000	.000
	.3520	.2470	.1090	.2560	.1820
	.050	-.2300	-.5110	-.4510	-.4250
	.150	-.1910	-.2270	-.2650	-.2700
	.300	-.1930	-.2310	-.2710	-.2250
	.500	-.3020	-.3930	-.4250	-.3710
	.650	-.3500	-.4670	-.4990	-.4130
	.775	-.2880	-.2760	-.2280	-.2220
	.900		-.2140	-.1160	-.0670

DATE 21 SEP 73

TABLATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 QBA + S3 + T9 RIGHT VERTICAL

(RBMRO8)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .598	BETAT (5) = .020	Z/BV	.158	.316	.600	.840	.925
X/CV							
.000		.4280	.3660	.3130	.3710	.3910	
.050		-.0930	-.2080	-.2320	-.2390	-.2100	
.100		-.1100	-.1270	-.1420	-.1490	-.1250	
.150		-.1270	-.1630	-.1930	-.1900	-.1740	
.200		-.1680	-.3660	-.3940	-.3430	-.3060	
.250		-.2650	-.4810	-.4830	-.4020	-.4130	
.300		-.3650	-.2740	-.2230	-.1820	-.1050	
.350		-.2740	-.1980	-.1130	-.0710	-.0240	
.400							

MACH (1) = .599	BETAT (6) = 2.050	Z/BV	.158	.316	.600	.840	.925
X/CV							
.000		.2830	.3060	.2400	.2040	-.0290	
.050		.0030	-.0110	.0030	.0150	-.0160	
.100		-.0240	-.0310	-.0350	-.0410	-.0520	
.150		-.0670	-.0990	-.1180	-.1270	-.1320	
.200		-.2360	-.3330	-.3500	-.3180	-.2840	
.250		-.3910	-.4710	-.4480	-.3980	-.3820	
.300		-.2840	-.2870	-.2040	-.1520	-.0980	
.350			-.2160	-.1110	-.0740	-.0370	
.400							

MACH (1) = .596	BETAT (7) = 4.080	Z/BV	.158	.316	.600	.840	.925
X/CV							
.000		.0090	.0350	.0320	-.0580	-.3670	
.050		.1110	.1330	.1630	.1710	.1090	
.100		.0550	.0570	.0600	.0530	.0220	
.150		-.0050	-.0280	-.0480	-.0670	-.0860	
.200		-.1340	-.2940	-.3030	-.2840	-.2490	
.250		-.3970	-.4560	-.3950	-.3540	-.3520	
.300		-.3020	-.2800	-.1030	-.1340	-.1020	
.350			-.1990	-.1030	-.0800	-.0510	
.400							

MACH (1) = .598	BETAT (8) = 6.110	Z/BV	.158	.316	.600	.840	.925
X/CV							
.000		-.2920	-.3580	-.1990	-.3350	-.7270	
.050		.1930	.2440	.2740	.2710	.1890	
.100		.1250	.1340	.1430	.1340	.0810	
.150		.0580	.0270	.0160	-.0060	-.0430	
.200		-.1590	-.2490	-.2650	-.2380	-.2050	
.250		-.3760	-.4250	-.3680	-.3210	-.3240	
.300		-.3130	-.2570	-.1650	-.1350	-.1150	
.350			-.1890	-.1020	-.1010	-.0840	
.400							

MACH (1) = .599	BETAT (9) = 8.140	Z/BV	.158	.316	.600	.840	.925
X/CV							
.000		-.7290	-.7670	-.4280	-.6030	-.9270	
.050		.2470	.3220	.3430	.3390	.2400	
.100		.1870	.2000	.2100	.1880	.1190	
.150		.1120	.0700	.0750	.0440	-.0130	
.200							

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

(RBMR08)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) =	.509	BETAT (9) =	0.140	Z/BV	.158	.316	.600	.840	.925
X/CV									
.520					-.1140	-.2060	-.2140	-.2120	-.1880
.650					-.3710	-.3950	-.3140	-.3140	-.3020
.775					-.3140	-.2400	-.1580	-.1330	-.1150
.900						-.1820	-.1210	-.1290	-.1080

MACH (2) =	.902	BETAT (1) =	-0.160	Z/BV	.158	.316	.600	.840	.925
X/CV									
.000					.0900	-.3890	-.6130	-.4360	-.2600
.050					-.5060	-1.1090	-1.1680	-.7490	-.5990
.150					-.4450	-1.1620	-1.0170	-.7150	-.6000
.300					-.5120	-.4440	-1.0350	-.6840	-.5580
.520					-.5340	-.5020	-.9090	-.5970	-.4800
.650					-.4330	-.4580	-.8180	-.5150	-.4300
.775					-.4350	-.4090	-.6580	-.4630	-.4230
.900						-.3330	-.3820	-.4260	-.3760

MACH (2) =	.901	BETAT (2) =	-6.130	Z/BV	.158	.316	.600	.840	.925
X/CV									
.000					.1960	-.1320	-.3380	-.2020	-.1500
.050					-.4430	-1.0120	-1.0570	-.9140	-.6830
.150					-.3840	-.9010	-.8810	-.8540	-.6560
.300					-.4520	-.4230	-.8910	-.7270	-.5750
.520					-.4710	-.4690	-.8180	-.5700	-.4830
.650					-.4130	-.4640	-.6160	-.4970	-.4340
.775					-.3980	-.4020	-.4430	-.4400	-.3900
.900						-.3270	-.2740	-.3540	-.3030

MACH (2) =	.899	BETAT (3) =	-4.090	Z/BV	.158	.316	.600	.840	.925
X/CV									
.000					.2020	.1220	-.0720	.0830	.0040
.050					-.2620	-.9440	-.8620	-1.0110	-1.1320
.150					-.3330	-.5080	-.7560	-.6420	-.9680
.300					-.3890	-.3600	-.6050	-.5950	-.5400
.520					-.3920	-.3520	-.3950	-.4090	-.3700
.650					-.3560	-.4990	-1.0730	-.3030	-.3410
.775					-.3460	-.3920	-.4370	-.2250	-.1690
.900						-.3270	-.2250	-.1620	-.0790

MACH (2) =	.900	BETAT (4) =	-2.030	Z/BV	.158	.316	.600	.840	.925
X/CV									
.000					.2990	.2780	.1700	.2740	.1440
.050					-.2310	-.7430	-.6340	-.8600	-.7890
.150					-.2810	-.2900	-.3130	-.3460	-.3420
.300					-.2700	-.2290	-.2770	-.3380	-.2940
.520					-.2850	-.3210	-.3660	-.3660	-.3700

DATE 2: SEP 75 TABULATED PRESSURE DATA - 1A9A

(RDMR08)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .955 BETAT (4) = -2.030

Z/BV X/CV	.158	.316	.600	.840	.925
.650	-.3670	-.6250	-1.0620	-.2860	-.3490
.775	-.3190	-.4170	-.4990	-.1910	-.1830
.900	-.3120	-.3010	-.1530	-.0910	

MACH (2) = .902 BETAT (5) = 2.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2660	.3330	.2650	.2250	-.0420
.050	-.0770	-.0720	.0400	.0270	-.0570
.150	-.0680	-.0120	.0040	-.0990	-.1190
.300	-.0600	.0420	-.0810	-.1490	-.2050
.520	-.1660	-.2300	-.2990	-.3370	-.3510
.650	-.4070	-.8380	-1.1190	-.9410	-.8490
.775	-.2970	-.4140	-.5080	-.4650	-.3220
.900	-.3180	-.2270	-.3020	-.1540	

MACH (2) = .903 BETAT (6) = 4.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1360	.2470	.1290	.0510	-.2290
.050	.0280	.1050	.1670	.1600	.0630
.150	.0160	.0730	.0760	.0430	-.0630
.300	.0150	.0300	-.0270	-.0910	-.1880
.520	-.1250	-.2030	-.2830	-.3420	-.3430
.650	-.4100	-.7930	-1.1020	-1.0300	-.9240
.775	-.3270	-.4170	-.4520	-.4260	-.2990
.900	-.3170	-.1680	-.2450	-.1070	

MACH (2) = .904 BETAT (7) = 6.180

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.0820	.0680	.0070	-.0910	-.3290
.050	.1420	.2290	.2600	.2410	.1370
.150	.1140	.1580	.1470	.1070	.0020
.300	.0940	.0920	.0220	-.0480	-.1320
.520	-.0660	-.1710	-.2760	-.3140	-.3770
.650	-.4100	-.7680	-1.0770	-1.0670	-1.0240
.775	-.3380	-.3920	-.3390	-.4580	-.3060
.900	-.3080	-.1980	-.3050	-.2110	

MACH (2) = .901 BETAT (8) = 8.230

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.0420	-.1070	-.1130	-.2350	-.4600
.050	.2230	.3220	.3250	.2890	.1860
.150	.1880	.2370	.2000	.1500	.0340
.300	.1570	.1490	.0710	-.0030	-.1140
.520	-.0200	-.1290	-.2540	-.2950	-.3290
.650	-.3890	-.6960	-1.0420	-1.0290	-1.0290

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBMRD8)

AMES 11-707 1A9 O2A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL		DEPENDENT VARIABLE CP	
MACH (2) = .901	BETAT (8) = 8.230	Z/BV	.316 .600 .840 .925
		X/CV	
		.775	-.3950 -.3120 -.4690 -.3660
		.900	-.3060 -.2630 -.4110 -.2710
MACH (3) = 1.099	BETAT (1) = -8.200	Z/BV	.316 .600 .840 .925
		X/CV	
		.700	.0490 -.1100 -.0290 -.0040
		.050	-.0890 -.7080 -.8330 -.9480
		.150	-.1710 -.6220 -.7040 -.7600
		.300	-.2430 -.2710 -.6600 -.6770
		.520	-.3490 -.3570 -.6240 -.6880
		.650	-.4870 -.7160 -.8110 -.7410
		.775	-.4430 -.5130 -.8120 -.5820
		.900	-.4570 -.6040 -.4580 -.4880
MACH (3) = 1.100	BETAT (2) = -6.150	Z/BV	.316 .600 .840 .925
		X/CV	
		.000	.3310 .2160 .0740 .1710
		.050	-.0640 -.6350 -.7430 -.9420
		.150	-.1250 -.4480 -.5880 -.8280
		.300	-.2150 -.2330 -.4580 -.6620
		.520	-.3090 -.3200 -.4350 -.4210
		.650	-.4410 -.7430 -.7260 -.8600
		.775	-.4250 -.4930 -.7690 -.8290
		.900	-.4400 -.5430 -.6790 -.6930
MACH (3) = 1.100	BETAT (3) = -4.090	Z/BV	.316 .600 .840 .925
		X/CV	
		.000	.2910 .3500 .2160 .3140
		.050	.0500 -.5460 -.7560 -.8900
		.150	-.0700 -.2120 -.4040 -.7060
		.300	-.1610 -.2090 -.2980 -.2450
		.520	-.2580 -.2900 -.2970 -.2200
		.650	-.4540 -.7020 -.7180 -.7620
		.775	-.4020 -.4650 -.7520 -.7610
		.900	-.3920 -.4780 -.7120 -.6370
MACH (3) = 1.099	BETAT (4) = -2.030	Z/BV	.316 .600 .840 .925
		X/CV	
		.000	.4100 .4390 .2920 .3780
		.050	.0510 -.4540 -.6490 -.6470
		.150	-.0460 -.1570 -.2030 -.2250
		.300	-.1390 -.1550 -.1730 -.1710
		.520	-.2010 -.2120 -.2030 -.1730
		.650	-.4270 -.7410 -.7220 -.7140
		.775	-.3690 -.4960 -.7190 -.7250
		.900	-.6320

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBNR08)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (3) = 1.099 BETAT (4) = -2.030
Z/BV .158 .316 .600 .840 .925
X/CV .900 -.4320 -.6650 -.7100 -.6200

MACH (3) = 1.100 BETAT (5) = 2.080
Z/BV .158 .316 .600 .840 .925
X/CV .000 .4070 .4710 .3660 .3390 .1240
.050 .1010 -.1000 .0020 .0790 .0490
.150 .0300 .0120 .0790 .0630 .0160
.300 -.0170 .0130 .0120 .0100 -.0510
.520 -.0750 -.0890 -.1070 -.1340 -.1610
.650 -.4040 -.6750 -.7030 -.7280 -.6920
.775 -.3730 -.4950 -.6710 -.7130 -.5950
.900 -.4460 -.6590 -.6890 -.6410

MACH (3) = 1.097 BETAT (6) = 4.130
Z/BV .158 .316 .600 .840 .925
X/CV .000 .3020 .4200 .3250 .2600 .0290
.050 .1140 .0800 .1930 .2120 .1690
.150 .0560 .1050 .1550 .1440 .0760
.300 .0430 .0860 .0740 .0630 -.0260
.520 -.0280 -.0640 -.0760 -.1250 -.1510
.650 -.3290 -.6600 .6960 -.7210 -.6970
.775 -.3730 -.4560 -.6470 -.6900 -.5790
.900 -.4490 -.6250 -.6630 -.6420

MACH (3) = 1.100 BETAT (7) = 6.180
Z/BV .158 .316 .600 .840 .925
X/CV .000 .2700 .3360 .2460 .1540 -.0900
.050 .1900 .2300 .3000 .3070 .2410
.150 .1120 .2120 .2200 .2050 .1240
.300 .1350 .1650 .1250 .0940 .0150
.520 .0360 .0220 -.0580 -.1090 -.1840
.650 .3100 .6350 .6930 .7100 .6740
.775 -.3660 .4230 .6150 .6670 .5570
.900 .4440 .5770 .6270 .5960

MACH (3) = 1.101 BETAT (8) = 8.250
Z/BV .158 .316 .600 .840 .925
X/CV .000 .2180 .2140 .1600 .0460 -.2040
.050 .1820 .3380 .3820 .3650 .2880
.150 .1440 .2880 .2810 .2530 .1610
.300 .1950 .2220 .1810 .1350 .0400
.520 .0880 .0110 -.0500 .0910 -.2010
.650 .2840 .6090 .6620 .7000 .6650
.775 .3590 .3900 .5820 .6380 .5050
.900 .4370 .5290 .5870 .5680

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBM008)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (1) = -0.160

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2730	.1380	.0480	.1180
.050	-.0190	-.5160	-.5680	-.6800	-.7350
.150	-.0790	-.2890	-.4830	-.6520	-.7220
.300	-.1540	-.1740	-.4170	-.4920	-.5910
.520	-.2580	-.2600	-.4200	-.4420	-.4100
.650	-.3910	-.5900	-.5970	-.7160	-.6380
.775	-.3780	-.4390	-.6150	-.6910	-.6490
.900		-.3970	-.6140	-.5800	-.6130

MACH (4) = 1.250 BETAT (2) = -6.110

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3070	.3040	.2070	.3050
.050	.1350	-.4280	-.5470	-.6920	-.7100
.150	.0350	-.1850	-.3960	-.5930	-.6060
.300	-.0750	-.1080	-.2920	-.5090	-.4950
.520	-.1810	-.2120	-.2580	-.2510	-.3570
.650	-.3720	-.5510	-.5450	-.6040	-.5670
.775	-.3490	-.4170	-.5750	-.5980	-.5100
.900		-.3850	-.5930	-.5760	-.4910

MACH (4) = 1.249 BETAT (3) = -4.070

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3040	.4250	.2960	.4180
.050	.1480	-.3800	-.5500	-.6110	-.6140
.150	.0360	-.1200	-.3170	-.4830	-.4810
.300	-.0580	-.0940	-.1930	-.3490	-.3750
.520	-.1590	-.1920	-.1650	-.1010	-.0670
.650	-.3680	-.5720	-.5230	-.5370	-.4520
.775	-.3360	-.4020	-.5410	-.5400	-.4380
.900		-.3560	-.5580	-.5180	-.4260

MACH (4) = 1.248 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3800	.5100	.3530	.4410
.050	.1420	-.2990	-.4580	-.4880	-.4620
.150	.0570	-.0480	-.1170	-.2720	-.3620
.300	-.0260	-.0610	-.0940	-.0730	-.0590
.520	-.1100	-.1410	-.1270	-.0840	-.0720
.650	-.3360	-.5660	-.5330	-.5000	-.4480
.775	-.3250	-.4330	-.5330	-.5290	-.4620
.900		-.3800	-.5420	-.5170	-.4370

MACH (4) = 1.246 BETAT (5) = 2.060

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3820	.5450	.4070	.4020
.050	.1800	.0270	.0120	.1170	.1180
.150	.1240	.0820	.1230	.1380	.1040
.300	.0570	.0750	.0540	.0920	.0430

DATE 21 SEP 73

TABULATED PRESSURE DATA - IAS9A

PAGE 2801

AVES 11-707 IAS 02A + S3 + T9 RIGHT VERTICAL

(RBM208)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (5) = 2.060

Z/BV X/CV	.158	.316	.600	.840	.925
.520	-.0090	-.0210	-.0230	-.0120	-.0330
.650	-.3240	-.4970	-.5030	-.5040	-.4540
.775	-.3110	-.4240	-.4870	-.4950	-.4430
.900		-.3740	-.4790	-.4870	-.4440

MACH (4) = 1.246 BETAT (6) = 4.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2950	.5020	.3950	.3660	.1590
.050	.1650	.1660	.2280	.2780	.2540
.150	.1310	.1510	.2090	.2280	.1820
.300	.0950	.1570	.1560	.1640	.0980
.520	.0300	.0210	.0420	.0220	-.0170
.650	-.2280	-.4770	-.4850	-.4930	-.4590
.775	-.2980	-.3530	-.4580	-.4790	-.4160
.900		-.3480	-.4420	-.4640	-.4280

MACH (4) = 1.247 BETAT (7) = 6.150

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3270	.4200	.3640	.2870	.0660
.050	.2180	.2520	.3530	.3750	.3380
.150	.1690	.2380	.2970	.3040	.2360
.300	.1540	.2290	.2180	.2150	.1300
.520	.1080	.0700	.0760	.0370	-.0330
.650	-.2090	-.4480	-.4690	-.4850	-.4380
.775	-.2840	-.2990	-.4300	-.4580	-.4040
.900		-.3170	-.4030	-.4410	-.3940

MACH (4) = 1.245 BETAT (8) = 8.200

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2940	.2900	.2760	.1750	-.0450
.050	.2670	.2950	.4440	.4540	.3970
.150	.1830	.3090	.3620	.3570	.2780
.300	.1920	.2910	.2730	.2540	.1680
.520	.1710	.1130	.1000	.0580	-.0370
.650	-.2120	-.4210	-.4530	-.4720	-.4370
.775	-.2910	-.2590	-.4070	-.4400	-.3930
.900		-.2940	-.3550	-.4110	-.3590

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBMK909) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XWRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YWRP = .0000 INCHES
 EREF = 39.8490 INCHES ZWRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUDFLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (1) = -8.080

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	-.4370	-1.3200	-1.2310	-1.0060	-.7130
.050	-.5830	-1.1420	-.8940	-.8450	-1.1340
.150	-.4830	-.8770	-.8240	-.7770	-1.0950
.300	-.4100	-.4210	-.7800	-.6940	-.5180
.520	-.4180	-.4430	-.5640	-.5150	-.3280
.650	-.3630	-.4300	-.4700	-.3870	-.3520
.775	-.3990	-.3080	-.3080	-.3030	-.2950
.900	-.2480	-.1820	-.1890	-.1890	-.1960

MACH (1) = .597 BETAT (2) = -6.060

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	-.0610	-.6810	-.7540	-.5760	-.3830
.050	-.4860	-.5640	-.7680	-.7410	-.9510
.150	-.3800	-.5500	-.6900	-.6670	-.7300
.300	-.3530	-.3700	-.6070	-.5310	-.4550
.520	-.3810	-.4330	-.4980	-.4120	-.3210
.650	-.3680	-.4280	-.4720	-.3650	-.3720
.775	-.3520	-.2980	-.2770	-.2490	-.1860
.900	-.2310	-.1410	-.1240	-.1120	

MACH (1) = .598 BETAT (3) = -4.030

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1290	-.1130	-.2720	-.1520	-.0620
.050	-.3110	-.7280	-.6850	-.6400	-.8180
.150	-.2790	-.3520	-.5170	-.4860	-.4140
.300	-.2700	-.3020	-.3780	-.3620	-.2940
.520	-.3390	-.4040	-.4500	-.3780	-.3430
.650	-.3400	-.4300	-.4880	-.3910	-.4070
.775	-.3290	-.2970	-.2350	-.2350	-.1250
.900	-.2180	-.1070	-.0830	-.0440	

MACH (1) = .598 BETAT (4) = -2.010

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2880	.2160	.1000	.2200	.1490
.050	-.2140	-.5460	-.4570	-.5310	-.4300
.150	-.1090	-.2400	-.2730	-.2740	-.2290
.300	-.2090	-.2380	-.2760	-.2650	-.2320
.520	-.3050	-.3950	-.4250	-.3670	-.3300
.650	-.3550	-.4570	-.4880	-.4010	-.4230
.775	-.3010	-.2860	-.2310	-.2140	-.1110
.900	-.2120	-.1180	-.0650	-.0230	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBNR09)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (5) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3990	.3710	.2870	.3410
.050	-.0980	-.2040	-.2460	-.2410	-.2120
.150	-.1190	-.1270	-.1440	-.1500	-.1200
.300	-.1370	-.1670	-.1990	-.1920	-.1710
.520	-.2700	-.3640	-.3810	-.3260	-.2980
.650	-.3600	-.4830	-.4660	-.3980	-.3940
.775	-.2830	-.2860	-.2180	-.1790	-.0950
.900		-.2050	-.1120	-.0680	-.0180

MACH (1) = .598 BETAT (6) = 2.050

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2150	.2850	.2160	.1760
.050	-.0190	-.0210	-.0310	.0180	-.0120
.150	-.0370	-.0370	-.0390	-.0420	-.0490
.300	-.0760	-.1000	-.1190	-.1210	-.1270
.520	-.2370	-.3270	-.3440	-.3090	-.2760
.650	-.3760	-.4720	-.4380	-.3800	-.3650
.775	-.2790	-.2850	-.1960	-.1450	-.0950
.900		-.2000	-.1040	-.0670	-.0280

MACH (1) = .597 BETAT (7) = 4.080

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.0170	.0110	-.0060	-.0940
.050	.0780	.1260	.1550	.1640	.1030
.150	.0310	.0460	.0530	.0530	.0120
.300	-.0190	-.0390	-.0520	-.0560	-.0830
.520	-.2020	-.2910	-.2990	-.2700	-.2390
.650	-.3860	-.4560	-.3890	-.3390	-.3410
.775	-.2590	-.2870	-.1820	-.1320	-.1030
.900		-.2130	-.1040	-.0750	-.0550

MACH (1) = .597 BETAT (8) = 6.120

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	-.2410	-.3700	-.2360	-.3690
.050	.1690	.2360	.2650	.2650	.1850
.150	.1110	.1290	.1400	.1270	.0710
.300	.0510	.0250	.0140	-.0030	-.0420
.520	-.1550	-.2380	-.2590	-.2260	-.1980
.650	-.3740	-.4130	-.3330	-.3010	-.3060
.775	-.2990	-.2550	-.1610	-.1310	-.1040
.900		-.1890	-.0950	-.0900	-.0730

MACH (1) = .598 BETAT (9) = 8.150

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	-.6100	-.8050	-.4700	-.6540
.050	.2120	.3020	.3270	.3190	.2260
.150	.1610	.1890	.2000	.1810	.0980
.300	.1010	.0690	.0750	.0370	-.0250

(RBMWD9)

AMES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (9) = 8.150

Z/BV	.156	.316	.600	.840	.925
X/CV					
.520	-.1210	-.1980	-.2110	-.2060	-.1850
.650	-.3600	-.3880	-.3000	-.3050	-.2900
.775	-.3060	-.2530	-.1550	-.1380	-.1110
.900		-.1850	-.1170	-.1270	-.1080

MACH (2) = .899 BETAT (1) = -8.170

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1070	-.4060	-.6920	-.5290	-.3370
.050	-.5320	-1.1110	-1.1530	-.7670	-.6150
.150	-.4530	-1.1490	-1.0210	-.7690	-.6140
.300	-.5120	-.4690	-1.0530	-.7140	-.5790
.520	-.5230	-.5050	-.9330	-.5840	-.5110
.650	-.4300	-.4570	-.8140	-.5230	-.4430
.775	-.4430	-.4050	-.5450	-.4750	-.4200
.900		-.3500	-.2660	-.4330	-.3600

MACH (2) = .907 BETAT (2) = -6.120

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1840	-.1660	-.3910	-.2510	-.1920
.050	-.4090	-1.0040	-1.0330	-.9380	-.7130
.150	-.3910	-.8160	-.8460	-.8390	-.6580
.300	-.4510	-.4270	-.9260	-.7230	-.5640
.520	-.4680	-.4480	-.7860	-.5760	-.4390
.650	-.4010	-.4240	-.6070	-.4830	-.3930
.775	-.3830	-.3530	-.3980	-.4180	-.4050
.900		-.3070	-.2190	-.3370	-.3140

MACH (2) = .901 BETAT (3) = -4.080

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1670	.0810	-.0980	.0490	-.0360
.050	-.2610	-.9360	-.7510	-1.0620	-1.1060
.150	-.3340	-.4680	-.6640	-.6570	-.9550
.300	-.3840	-.3500	-.5850	-.5620	-.5290
.520	-.3620	-.3650	-.4620	-.4320	-.2920
.650	-.3450	-.5100	-.9870	-.3080	-.2960
.775	-.3380	-.3890	-.4160	-.1890	-.1260
.900		-.3090	-.2170	-.1000	-.0520

MACH (2) = .899 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2300	.2430	.1350	.2390	.0910
.050	-.2290	-.7570	-.6500	-.8420	-.7890
.150	-.2970	-.2830	-.3380	-.3580	-.3380
.300	-.2860	-.2290	-.2760	-.3470	-.3130
.520	-.2930	-.3400	-.3670	-.3780	-.3890

DATE 21 SEP 73
 TABULATED PRESSURE DATA - 1A9A
 ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL
 (RBNR09)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .899 BETAT (4) = -2.030
 Z/BV .158 .316 .600 .840 .925
 X/CV
 .650 -.3780 -.5910 -1.0870 -.2750 -.2910
 .775 -.3250 -.4200 -.4970 -.1910 -.1700
 .900 -.3190 -.2900 -.1490 -.0690

MACH (2) = .903 BETAT (5) = 2.070
 Z/BV .158 .316 .600 .840 .925
 X/CV
 .000 .1980 .3110 .2300 .1830 -.0890
 .050 -.1210 -.0720 .0330 .0220 -.0660
 .150 -.1200 -.0250 -.0060 -.0530 -.1360
 .300 -.0820 -.0470 -.0880 -.1630 -.2210
 .520 -.1790 -.2400 -.3100 -.3510 -.3590
 .650 -.3930 -.7370 -1.1170 -.7470 -.7220
 .775 -.3050 -.4100 -.5080 -.4320 -.3100
 .900 -.3130 -.2220 -.3020 -.1560

MACH (2) = .901 BETAT (6) = 4.130
 Z/BV .158 .316 .600 .840 .925
 X/CV
 .000 .1240 .2050 .0800 .0170 -.2710
 .050 -.0080 .0890 .1590 .1510 .0440
 .150 -.0060 .0660 .0660 .0350 -.0810
 .300 .0050 .0140 -.0300 -.1020 -.2080
 .520 -.1290 .2110 -.2810 -.3450 -.3450
 .650 -.4030 .7510 -1.1020 -.9160 -.8690
 .775 -.3190 -.4160 -.4070 -.4300 -.2890
 .900 -.3130 -.1560 -.2590 -.1260

MACH (2) = .900 BETAT (7) = 6.180
 Z/BV .158 .316 .600 .840 .925
 X/CV
 .000 .0590 .0300 -.0480 -.1530 -.3810
 .050 .1000 .2080 .2430 .2210 .1220
 .150 .0940 .1400 .1300 .0890 -.0160
 .300 .0820 .0750 .0120 -.0520 -.1530
 .520 -.0750 -.1710 -.2850 -.3250 -.3420
 .650 -.4150 .8170 -1.0670 -1.0410 -.9860
 .775 -.3430 -.4060 -.3070 -.4590 -.2850
 .900 -.3050 -.1880 -.2690 -.2280

MACH (2) = .900 BETAT (8) = 8.240
 Z/BV .158 .316 .600 .840 .925
 X/CV
 .000 -.0150 -.1200 -.1650 -.2770 -.4950
 .050 .1890 .3030 .3050 .2740 .1600
 .150 .1660 .2210 .1850 .1380 .0200
 .300 .1420 .1360 .0580 -.0160 -.1230
 .520 -.0290 -.1380 -.2390 -.3010 -.3320
 .650 -.3870 -.7230 -1.0190 -.9570 -.9880

DATE 21 SEP 73

TABULATED PRESSURE DATA -- 1A9A

(REMARKS)

AVES 11-707 1A9 Q2A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (8) = 8.240

Z/BV	.158	.316	.600	.840	.925
X/CV					
.775	-.3470	-.3930	-.2600	-.4250	-.3050
.900		-.3030	-.2470	-.3830	-.2720

MACH (3) = 1.103 BETAT (1) = -8.190

Z/BV	.158	.316	.600	.840	.925
X/CV					
.070	.2690	.0420	-.1210	-.0590	-.0410
.050	-.1120	-.7080	-.7600	-.8100	-.9110
.150	-.1770	-.4560	-.6990	-.7280	-.8400
.300	-.2570	-.2920	-.6700	-.6800	-.6910
.520	-.3680	-.3670	-.6040	-.6780	-.5310
.650	-.4670	-.6960	-.7950	-.6660	-.8640
.775	-.4370	-.5270	-.8040	-.5380	-.5610
.900		-.4660	-.5800	-.4690	-.4350

MACH (3) = 1.100 BETAT (2) = -6.140

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3260	.1930	.0420	.1360	.0480
.050	-.0160	-.6400	-.7460	-.9410	-.9800
.150	-.1150	-.3520	-.5690	-.8320	-.8570
.300	-.2140	-.2630	-.4680	-.6050	-.7180
.520	-.3270	-.3350	-.4420	-.4410	-.4050
.650	-.4500	-.6860	-.7260	-.8590	-.7870
.775	-.4150	-.6950	-.7750	-.7980	-.6840
.900		-.4250	-.5020	-.5560	-.5520

MACH (3) = 1.103 BETAT (3) = -4.080

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2950	.3250	.1690	.2780	.1490
.050	.0580	-.5510	-.7500	-.6560	-.8490
.150	-.0690	-.2080	-.4180	-.7590	-.7320
.300	-.1700	-.2280	-.3250	-.2780	-.5110
.520	-.2690	-.3100	-.3130	-.2390	-.2240
.650	-.4560	-.6800	-.7280	-.7620	-.7040
.775	-.3380	-.4660	-.7460	-.7650	-.6010
.900		-.3970	-.4680	-.6490	-.6450

MACH (3) = 1.103 BETAT (4) = -2.090

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3720	.4000	.2510	.3370	.1850
.050	.0450	-.4580	-.6380	-.6590	-.6290
.150	-.0620	-.1730	-.2190	-.2480	-.3020
.300	-.1570	-.1840	-.1930	-.2010	-.1730
.520	-.2270	-.2300	-.2220	-.1960	-.2000
.650	-.4420	-.7510	-.7370	-.7280	-.6590
.775	-.3740	-.6910	-.7290	-.7330	-.6310

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2807

ANES 11-707 IAS O2A + S3 + T9 RIGHT VERTICAL

(REMOVED)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (4) = -2.080

Z/BV	.158	.316	.600	.840	.925
X/CV	.900	-.4360	-.5990	-.7200	-.6310

MACH (3) = 1.103 BETAT (5) = 2.080

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3770	.4310	.3160	.2950
	.050	.0560	-.1290	-.0380	.0460
	.150	-.0400	-.0370	.0410	.0360
	.300	-.0610	-.0350	-.0130	-.0760
	.520	-.1020	-.1030	-.1280	-.1590
	.650	-.4350	-.6770	-.7110	-.7030
	.775	-.3730	-.5070	-.6790	-.7180
	.900	-.4470	-.6670	-.6970	-.6350

MACH (3) = 1.103 BETAT (6) = 4.140

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3140	.3810	.2720	.2140
	.050	.0750	.0410	.1240	.1810
	.150	.0110	.0520	.1160	.1210
	.300	-.0070	.0500	.0450	.0450
	.520	-.0590	-.0790	-.0920	-.1400
	.650	-.3530	-.6650	-.7010	-.7250
	.775	-.3870	-.6770	-.8570	-.6920
	.900	-.4570	-.6290	.5560	-.6420

MACH (3) = 1.101 BETAT (7) = 6.210

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2870	.2950	.2080	.1130
	.050	.1170	.1620	.2630	.2710
	.150	.0500	.1680	.1900	.1760
	.300	.0710	.1380	.0840	.0710
	.520	.0260	-.0390	-.0770	-.1320
	.650	-.3360	-.6400	-.6880	-.7190
	.775	-.3760	-.4380	-.6260	-.6760
	.900	-.4520	-.5810	-.6350	-.5970

MACH (3) = 1.104 BETAT (8) = 8.260

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2480	.1890	.1290	.0770
	.050	.1300	.2840	.3500	.3410
	.150	.0810	.2510	.2580	.2280
	.300	.1450	.1970	.1520	.1120
	.520	.0680	.0010	-.0650	-.1040
	.650	-.3090	-.6150	-.6570	-.7010
	.775	-.3650	-.4120	-.5870	-.6430
	.900	-.4410	-.5240	-.5930	-.5690

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

(REV:3)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (1) = -8.150

Z/BV X/CV	.159	.316	.600	.840	.925
.000	.3030	.1470	.0240	.0780	.0970
.050	.0060	-.5260	-.5780	-.6830	-.7370
.100	-.0720	-.2690	-.4830	-.6520	-.7250
.150	-.1530	-.1950	-.4290	-.4990	-.5980
.200	-.2610	-.2780	-.4240	-.4550	-.3940
.250	-.4040	-.5810	-.5920	-.6980	-.6450
.300	-.5370	-.4520	-.6170	-.6770	-.6490
.350	-.4120	-.6160	-.5720	-.6100	

MACH (4) = 1.248 BETAT (2) = -6.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2650	.2780	.1710	.2640	.1900
.050	.1250	-.4360	-.5510	-.6920	-.7120
.100	.0160	-.1700	-.3930	-.5950	-.6080
.150	-.0780	-.1320	-.2990	-.5070	-.4970
.200	-.1780	-.2250	-.2710	-.2360	-.2380
.250	-.4030	-.5530	-.5420	-.6070	-.5480
.300	-.3440	-.2310	-.5910	-.5900	-.5010
.350	-.4020	-.6010	-.5580	-.5030	

MACH (4) = 1.249 BETAT (3) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3060	.3860	.2510	.3660	.2510
.050	.1370	-.3820	-.5520	-.6170	-.6180
.100	.0260	-.1030	-.3150	-.4920	-.4870
.150	-.1740	-.1180	-.2140	-.3310	-.3870
.200	-.1750	-.2140	-.1930	-.1210	-.0810
.250	-.3610	-.5630	-.5320	-.5390	-.4950
.300	-.3380	-.4070	-.5540	-.5460	-.4480
.350	-.3710	-.5660	-.5290	-.4480	

MACH (4) = 1.248 BETAT (4) = -2.020

Z/BV X/CV	.159	.316	.600	.840	.925
.000	.4030	.4680	.3030	.3990	.2480
.050	.1280	-.3030	-.4640	-.4950	-.4570
.100	.0380	-.0650	-.1430	-.2740	-.3710
.150	-.0500	-.0880	-.1230	-.1020	-.0750
.200	-.2210	-.1590	-.1470	-.1100	-.0680
.250	-.3740	-.4810	-.5460	-.5210	-.4410
.300	-.3280	-.4370	-.5450	-.5250	-.4760
.350	-.3880	-.5530	-.5170	-.4540	

MACH (4) = 1.249 BETAT (5) = 2.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3990	.5020	.3480	.3530	.1640
.050	.1190	.0030	-.0230	-.1860	.0360
.100	.0770	.0480	.0920	.1100	.0750
.150	.0180	.0420	.0570	.0670	.0240

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TABULATED PRESSURE DATA - 1A9A

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(REMARKS)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (5) = 2.070

Z/BV X/CV	.158	.316	.600	.840	.925
.520	-.0300	-.0400	-.0420	-.0330	-.0330
.650	-.4030	-.5020	-.5120	-.5030	-.4820
.775	-.3200	-.4560	-.4960	-.5060	-.4470
.900		-.3840	-.4830	-.4900	-.4580

MACH (4) = 1.249 BETAT (6) = 4.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3600	.4500	.3510	.3230	.1130
.050	.1200	.1320	.1940	.2420	.2210
.150	.0830	.1060	.1820	.1950	.1520
.300	.0470	.1210	.1230	.1350	.0770
.520	.0080	.0040	.0160	-.0010	-.0240
.650	-.2640	-.4810	-.5440	-.5010	-.4590
.775	-.3080	-.3700	-.4690	-.4850	-.4360
.900		-.3590	-.4550	-.4630	-.4380

MACH (4) = 1.249 BETAT (7) = 6.170

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2630	.3770	.3160	.2410	.1070
.050	.1500	.2470	.3170	.3430	.3160
.150	.1020	.1770	.2650	.2670	.2080
.300	.0890	.1990	.1920	.1890	.1030
.520	.0710	.0530	.0520	.0150	-.0460
.650	-.2290	-.4530	-.4790	-.4930	-.4520
.775	-.2940	-.3110	-.4420	-.4670	-.4210
.900		-.3230	-.4150	-.4420	-.4070

MACH (4) = 1.246 BETAT (8) = 8.210

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3310	.2730	.2300	.1270	-.0790
.050	.1700	.2370	.3990	.4110	.3590
.150	.1160	.2140	.3250	.3190	.2440
.300	.1110	.2510	.2370	.2190	.1370
.520	.1130	.0850	.0780	.0310	-.0470
.650	-.2360	-.4330	-.4640	-.4860	-.4420
.775	-.2940	-.2920	-.4140	-.4560	-.4070
.900		-.3140	-.3770	-.4150	-.3730

AXES 11-747 1A9 O2A + S3 + T9 RIGHT VERTICAL

(RBMRIID) (27 APR 73)

REFERENCE DATA

SRCP = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 DRCP = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 6.000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (1) = .597 BETAT (1) = -8.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2330	-.0140	-.2140	-.3520	-.2410
.050	-.4560	-.5120	-.3510	-.2880	-.3620
.150	-.3010	-.3820	-.3580	-.3180	-.3800
.300	-.1760	-.3010	.0400	-.2670	-.3820
.520	-.8550	-.1840	.0580	-.1780	-.2730
.650	-.8060	-1.1210	.0300	-.1160	-.1920
.775	-.7400	-1.0820	-.1070	-.1510	.2520
.900	-.4820	-.2310	-.2710	.1660	

MACH (1) = .599 BETAT (2) = -6.050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.0680	-.6770	-.7790	-.6340	-.4430
.050	-.4670	-.9680	-.7640	-.7320	-.9420
.150	-.3670	-.5210	-.6870	-.6590	-.7820
.300	-.3490	-.3670	-.6370	-.5520	-.4240
.520	-.3770	-.4300	-.4840	-.4180	-.2950
.650	-.3650	-.4260	-.4610	-.3570	-.3400
.775	-.3480	-.3000	-.2680	-.2420	-.1880
.900	-.2320	-.1360	-.1170	-.1120	

MACH (1) = .597 BETAT (3) = -4.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1250	-.1540	-.3090	-.1810	-.1070
.050	-.2930	-.7290	-.6670	-.6380	-.8150
.150	-.2840	-.3440	-.5120	-.4940	-.4370
.300	-.2780	-.3010	-.3720	-.3650	-.2810
.520	-.3400	-.3970	-.4380	-.3670	-.3260
.650	-.3380	-.4200	-.4820	-.3800	-.3840
.775	-.3220	-.2880	-.2350	-.2330	-.1220
.900	-.2120	-.1130	-.0860	-.0410	

MACH (1) = .597 BETAT (4) = -2.000

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2420	.1970	.0600	.1870	.1150
.050	-.2130	-.5510	-.4740	-.4780	-.4340
.150	-.2090	-.2340	-.2720	-.2750	-.2270
.300	-.2030	-.2390	-.2760	-.2650	-.2260
.520	-.2960	-.3850	-.4210	-.3510	-.3210
.650	-.3550	-.4630	-.4840	-.3870	-.4000
.775	-.3020	-.2820	-.2270	-.2060	-.1070
.900	-.2100	-.1150	-.1640	-.0150	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2811

AVES 11-707 1A9 O2A + S3 + T9 RIGHT VERTICAL

(RBNR10)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .598	BETAT (5) = .020	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3620	.3560	.2610	.3130	.1320
		.050	-.1140	-.2070	-.2560	-.2440	-.2020
		.150	-.1270	-.1330	-.1430	-.1470	-.1300
		.300	-.1380	-.1730	-.1970	-.1940	-.1730
		.520	-.2720	-.3630	-.3820	-.3230	-.2910
		.650	-.3580	-.4800	-.4650	-.3820	-.3780
		.775	-.2900	-.2910	-.2200	-.1780	-.0980
		.900		-.2100	-.1130	-.0660	-.0210
MACH (1) = .598	BETAT (6) = 2.060	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.2000	.2590	.1860	.1380	-.1010
		.050	-.0470	-.0210	.0030	.0090	-.0220
		.150	-.0630	-.0420	-.0430	-.0460	-.0590
		.300	-.0910	-.1070	-.1240	-.1240	-.1330
		.520	-.2450	-.3260	-.3440	-.2970	-.2630
		.650	-.3720	-.4700	-.4320	-.3670	-.3550
		.775	-.2820	-.2920	-.2050	-.1460	-.1020
		.900		-.2090	-.1110	-.0690	-.0340
MACH (1) = .597	BETAT (7) = 4.090	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.0280	-.0070	-.0380	-.1330	-.4280
		.050	.0410	.1160	.1500	.1590	.0950
		.150	.0120	.0360	.0440	.0460	.0590
		.300	-.0330	-.0390	-.0550	-.0590	-.0650
		.520	-.2070	-.2870	-.2980	-.2590	-.2310
		.650	-.3620	-.4520	-.3800	-.3360	-.3280
		.775	-.2940	-.2810	-.1840	-.1280	-.1020
		.900		-.2150	-.1060	-.0750	-.0530
MACH (1) = .598	BETAT (8) = 6.130	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	-.2310	-.3680	-.2760	-.4330	-.7970
		.050	.1360	.2150	.2420	.2460	.1610
		.150	.0850	.1100	.1280	.1130	.0560
		.300	.0390	.0100	.0050	-.0120	-.0600
		.520	-.1670	-.2480	-.2570	-.2260	-.2040
		.650	-.3830	-.4220	-.3380	-.3100	-.2960
		.775	-.3110	-.2670	-.1700	-.1340	-.1160
		.900		-.2070	-.1030	-.0970	-.0820
MACH (1) = .596	BETAT (9) = 8.170	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	-.4630	-.6190	-.5190	-.7100	-.9620
		.050	.1790	.2860	.3110	.3080	.2060
		.150	.1390	.1830	.1890	.1730	.0590
		.300	.0850	.0570	.0730	.0360	-.0270

(RBNR:ID)

ANES 11-707 1A9 C8A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (9) = 8.170

Z/BV	.158	.316	.600	.840	.925
X/CV					
.520	-.1220	-.1970	-.2040	-.1990	-.1810
.650	-.3640	-.3880	-.2900	-.2890	-.2770
.775	-.3080	-.2420	-.1450	-.1260	-.1140
.900		-.1940	-.1080	-.1200	-.1070

MACH (2) = .901 BETAT (1) = -8.160

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1120	-.4240	-.7490	-.6080	-.3840
.050	-.5530	-1.1060	-1.1200	-.7560	-.6180
.150	-.4630	-1.0780	-1.0240	-.7260	-.6030
.300	-.5110	-.4970	-1.1040	-.6680	-.5670
.520	-.5220	-.5190	-.9630	-.5840	-.5000
.650	-.4300	-.4600	-.7220	-.5210	-.4320
.775	-.4400	-.4040	-.3990	-.4710	-.4260
.900		-.3460	-.2290	-.4310	-.3470

MACH (2) = .900 BETAT (2) = -6.110

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1530	-.1890	-.4770	-.3300	-.2660
.050	-.3820	-1.0330	-1.0100	-.9340	-1.0050
.150	-.3970	-.7290	-.8670	-.8200	-.9770
.300	-.4560	-.4560	-.8680	-.7480	-.7940
.520	-.4500	-.4690	-.7000	-.5630	-.3630
.650	-.3890	-.4400	-.5890	-.4700	-.3490
.775	-.3350	-.3650	-.3600	-.3530	-.2460
.900		-.3250	-.1850	-.2460	-.2060

MACH (2) = .903 BETAT (3) = -4.070

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.1450	.0400	-.1490	-.0180	-.0950
.050	-.2620	-.9350	-.6790	-1.0540	-1.1190
.150	-.3340	-.4540	-.5950	-.6750	-.9490
.300	-.3800	-.3750	-.5910	-.5760	-.5360
.520	-.3610	-.3840	-.4810	-.4810	-.3230
.650	-.3620	-.5110	-.5110	-.3270	-.2650
.775	-.3450	-.3850	-.4140	-.2050	-.1280
.900		-.3110	-.2300	-.1050	-.0460

MACH (2) = .902 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2050	.2180	.1060	.2010	.0550
.050	-.2270	-.7340	-.6420	-.8190	-.8020
.150	-.2940	-.2480	-.3320	-.3640	-.3460
.300	-.2570	-.2160	-.2890	-.3570	-.3220
.520	-.2570	-.3580	-.3840	-.3350	-.3600

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RMR10)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (4) = -2.030

Z/BV	X/CV	.158	.316	.600	.840	.925
.650		-.3860	-.5700	-1.0470	-.2660	-.3520
.775		-.3290	-.4210	-.4880	-.1820	-.1360
.900			-.3140	-.2630	-.1120	-.0760

MACH (2) = .902 BETAT (5) = 2.080

Z/BV	X/CV	.158	.316	.600	.840	.925
.000		.1790	.3010	.2030	.1420	-.1320
.050		-.1250	-.0350	.0210	.0090	-.0740
.150		-.1070	-.0240	-.0190	-.0660	-.1460
.300		-.0770	-.0560	-.0880	-.1650	-.2350
.520		-.1840	-.2580	-.3220	-.3540	-.3700
.650		-.3860	-.6200	-1.1300	-.6220	-.6070
.775		-.2960	-.4010	-.4570	-.4220	-.2580
.900			-.3160	-.1640	-.2800	-.1120

MACH (2) = .901 BETAT (6) = 4.130

Z/BV	X/CV	.158	.316	.600	.840	.925
.000		.1130	.1660	.0550	-.0320	-.3220
.050		-.0360	.0850	.1480	.1240	.0280
.150		-.0310	.0550	.0610	.0090	-.0980
.300		-.0070	.0070	-.0510	-.1220	-.2280
.520		-.1390	-.2190	-.3180	-.3530	-.3540
.650		-.4050	-.6790	-1.1070	-.6710	-.5630
.775		-.3240	-.4030	-.3550	-.4100	-.2340
.900			-.3180	-.1530	-.1890	-.0970

MACH (2) = .901 BETAT (7) = 6.200

Z/BV	X/CV	.158	.316	.600	.840	.925
.000		.0390	.0110	-.0990	-.2040	-.4010
.050		.0680	.1940	.2280	.2060	.1050
.150		.0670	.1340	.1190	.0730	-.0330
.300		.0680	.0720	.0010	-.0750	-.1600
.520		-.0890	-.1750	-.3020	-.3350	-.3390
.650		-.4140	-.7970	-1.0530	-.8110	-.7980
.775		-.3460	-.4100	-.2760	-.4180	-.2600
.900			-.3110	-.1730	-.2230	-.1960

MACH (2) = .900 BETAT (8) = 8.260

Z/BV	X/CV	.158	.316	.600	.840	.925
.000		-.0090	-.1450	-.2190	-.3470	-.5220
.050		.1430	.2750	.2790	.2550	.1380
.150		.1320	.1990	.1690	.1210	.0220
.300		.1170	.1210	.0490	-.0320	-.1430
.520		-.0440	-.1640	-.2760	-.3100	-.3470
.650		-.3950	-.7760	-.9970	-.8710	-.9150

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RPMK10)

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = .950 BETAT (8) = 8.260
Z/BV .158 .316 .600 .840 .925
X/CV .775 -.3570 -.4000 -.2730 -.4050 -.3090
.900 -.3090 -.2470 -.3800 -.2680

MACH (3) = 1.103 BETAT (1) = -8.180
Z/BV .158 .316 .600 .840 .925
X/CV .000 .3000 .0550 -.1460 -.1180 -.0880
.050 -.1420 -.7070 -.7610 -.8060 -.8910
.150 -.2130 -.4040 -.7020 -.7210 -.8470
.300 -.2880 -.3180 -.6830 -.6970 -.7350
.520 -.3710 -.3820 -.5880 -.7040 -.6080
.650 -.4670 -.6850 -.7820 -.7120 -.8480
.775 -.4370 -.5370 -.8080 -.5820 -.6350
.900 -.4870 -.5610 -.5270 -.5390

MACH (3) = 1.103 BETAT (2) = -6.130
Z/BV .158 .316 .600 .840 .925
X/CV .000 .2710 .1660 .0080 .0850 .0130
.050 -.0110 -.6420 -.7440 -.9140 -.9430
.150 -.1280 -.2930 -.5640 -.8350 -.9700
.300 -.2190 -.2880 -.4900 -.5430 -.7250
.520 -.3160 -.3540 -.4490 -.4790 -.4140
.650 -.4810 -.6960 -.7320 -.8250 -.7920
.775 -.4100 -.5160 -.7770 -.7080 -.6770
.900 -.4710 -.5040 -.4850 -.5050

MACH (3) = 1.102 BETAT (3) = -4.080
Z/BV .158 .316 .600 .840 .925
X/CV .000 .2530 .2890 .1400 .2390 .0980
.050 .0670 -.5500 -.7470 -.8640 -.8530
.150 -.0730 -.2240 -.4210 -.7240 -.7560
.300 -.1800 -.2510 -.3350 -.3160 -.4100
.520 -.2790 -.3260 -.3210 -.2680 -.2490
.650 -.4490 -.6720 -.7400 -.7660 -.7080
.775 -.3880 -.4850 -.7540 -.7720 -.6240
.900 -.4190 -.4810 -.5090 -.6040

MACH (3) = 1.102 BETAT (4) = -2.020
Z/BV .158 .316 .600 .840 .925
X/CV .000 .3570 .3810 .2120 .2980 .1380
.050 .0580 -.4680 -.6570 -.6570 -.6230
.150 -.0690 -.1950 -.2420 -.2700 -.3170
.300 -.1680 -.2040 -.2210 -.2180 -.1950
.520 -.2380 -.2460 -.2380 -.2120 -.2220
.650 -.4690 -.7620 -.7430 -.7410 -.6910
.775 -.3720 -.4840 -.7360 -.7380 -.6290

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (4) = -2.020

Z/BV	.158	.316	.630	.840	.925
X/CV	.900	-.4200	-.5610	-.7250	-.6440

MACH (3) = 1.102 BETAT (5) = 2.080

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.3490	.4110	.2660	.2440
	.050	.0140	-.1560	-.0820	.0100
	.150	-.0420	-.0710	.0110	.0030
	.300	-.1370	-.0560	-.0460	-.0470
	.520	-.1340	-.1280	-.1520	-.1770
	.650	-.4360	-.6950	-.7190	-.7450
	.775	-.3710	-.5180	-.6870	-.7250
	.900		-.4510	-.6760	-.7040

MACH (3) = 1.102 BETAT (6) = 4.140

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.3000	.3460	.2330	.1680
	.050	.0120	-.0040	.1220	.1470
	.150	-.0370	.0000	.0910	.0860
	.300	-.0620	.0210	.0160	.0110
	.520	-.0940	-.1020	-.1140	-.1650
	.650	-.4050	-.6750	-.7110	-.7370
	.775	-.3920	-.4950	-.6610	-.7020
	.900		-.4560	-.6400	-.6750

MACH (3) = 1.100 BETAT (7) = 6.210

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.2530	.2580	.1610	.0640
	.050	.0480	.0910	.2230	.2370
	.150	-.0120	.1100	.1560	.1540
	.300	-.0020	.0900	.0670	.0560
	.520	-.1030	-.0600	-.0970	-.1470
	.650	-.3860	-.6510	-.6960	-.7220
	.775	-.3840	-.4610	-.6350	-.6690
	.900		-.4600	-.5890	-.6100

MACH (3) = 1.106 BETAT (8) = 8.280

Z/BV	.158	.316	.630	.840	.925
X/CV	.000	.2420	.1450	.0890	-.0360
	.050	.0750	.1770	.3160	.3270
	.150	.0150	.1840	.2260	.2230
	.300	.0620	.1500	.1330	.1130
	.520	.0190	-.0210	-.0630	-.1050
	.650	-.3670	-.6200	-.6530	-.6990
	.775	-.3740	-.4040	-.5640	-.6380
	.900		-.4270	-.4840	-.5690

AMES 11-707 IA9 O2A + S3 + T9 RIGHT VERTICAL

(RBM310)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (1) = -0.140

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3260	.1420	-.0030	.0340	.0570	
.050	-.0140	-.5180	-.5900	-.6820	-.7390	
.100	-.0840	-.2870	-.4900	-.6650	-.7330	
.150	-.1540	-.2170	-.4470	-.5110	-.5890	
.200	-.2540	-.2930	-.4340	-.4610	-.3670	
.250	-.4100	-.5810	-.5890	-.6760	-.6650	
.300	-.3750	-.4630	-.6230	-.6720	-.6610	
.350		-.4270	-.6200	-.5880	-.6130	

MACH (4) = 1.248 BETAT (2) = -0.080

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2200	.2620	.1300	.2100	.1480	
.050	.1210	-.4530	-.5530	-.6960	-.7190	
.100	.0070	-.1670	-.3630	-.6090	-.6220	
.150	-.0890	-.1580	-.3150	-.5010	-.5040	
.200	-.1880	-.2350	-.2890	-.2560	-.2630	
.250	-.4360	-.5640	-.5430	-.6120	-.5570	
.300	-.3480	-.4490	-.5880	-.5940	-.5110	
.350		-.4180	-.6100	-.5730	-.5230	

MACH (4) = 1.250 BETAT (3) = -4.050

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3290	.3490	.2070	.3320	.2090	
.050	.1460	-.3760	-.5520	-.6190	-.6100	
.100	.0250	-.1200	-.3210	-.5020	-.5030	
.150	-.0800	-.1420	-.2030	-.2270	-.3590	
.200	-.1800	-.2290	-.2030	-.1300	-.0980	
.250	-.3730	-.5300	-.5420	-.5410	-.4800	
.300	-.3330	-.3990	-.5650	-.5530	-.4720	
.350		-.3860	-.5800	-.5370	-.4760	

MACH (4) = 1.249 BETAT (4) = -2.020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3530	.4540	.2640	.3570	.2120	
.050	.1450	-.3120	-.4640	-.4960	-.4730	
.100	.0370	-.0820	-.1550	-.2540	-.3530	
.150	-.0610	-.1060	-.1480	-.1290	-.0840	
.200	-.1420	-.1690	-.1620	-.1270	-.0890	
.250	-.4360	-.5910	-.5560	-.5230	-.4620	
.300	-.3290	-.4430	-.5520	-.5300	-.4830	
.350		-.3940	-.5600	-.5250	-.4700	

MACH (4) = 1.245 BETAT (5) = 2.070

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3610	.4830	.3000	.3090	.1350	
.050	.0580	-.0210	-.0570	.0660	.0710	
.100	.0470	.0270	.0570	.0830	.0860	
.150	-.0130	.0580	.0300	.0620	.0250	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2817

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBMR1D)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (5) = 2.070

Z/BV	.158	.316	.600	.840	.925
X/CV	.520	-.0550	-.0480	-.0590	-.0340
.650	-.3970	-.5100	-.5210	-.5150	-.4850
.775	-.3280	-.4740	-.5070	-.5090	-.4600
.900		-.3950	-.4960	-.5000	-.4740

MACH (4) = 1.247 BETAT (6) = 4.120

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3490	.4120	.3100	.2830
.050	.0770	.1020	.1630	.2060	.2020
.150	.0440	.0630	.1560	.1640	.1540
.300	.0010	.0820	.1020	.1050	.0680
.520	-.0230	-.0070	-.0050	-.0180	-.0470
.650	-.2440	-.4830	-.5140	-.5050	-.4550
.775	-.3210	-.4140	-.4810	-.4950	-.4510
.900		-.3690	-.4660	-.4770	-.4550

MACH (4) = 1.246 BETAT (7) = 6.160

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2640	.3590	.2710	.1900
.050	.0910	.1770	.2780	.3060	.3010
.150	.0510	.1300	.2300	.2310	.1890
.300	.0250	.1640	.1610	.1600	.0980
.520	.0240	.0410	.0300	-.0020	-.0690
.650	-.3180	-.4600	-.4930	-.4970	-.4630
.775	-.3140	-.3610	-.4540	-.4780	-.4420
.900		-.3490	-.4240	-.4540	-.4240

MACH (4) = 1.247 BETAT (8) = 8.220

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2860	.2550	.1950	.0810
.050	.1280	.2230	.3580	.3760	.3300
.150	.0660	.1520	.2890	.2900	.2190
.300	.0480	.2110	.2120	.1960	.1170
.520	.0660	.0700	.3600	.0160	-.0620
.650	-.3330	-.4430	-.4750	-.4870	-.4480
.775	-.3130	-.3340	-.4260	-.4560	-.4230
.900		-.3320	-.3880	-.4230	-.3880

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBR11) (27 APR 73)

ANES 11-707 1A9 08A + S3 + T9 RIGHT VERTICAL

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
RUDER = .000 ELEVON = .500
RUDFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (1) = .599 BETAT (1) = -8.040

Z/BV	.158	.316	.600	.840	.925	
X/CV	.000	-3.320	-1.3020	-1.3030	-1.0980	-1.8040
.050	.050	-5.290	-1.1490	-.8920	-.8690	-1.0940
.150	.150	-.4840	-.6870	-.8660	-.8450	-1.0480
.300	.300	-.4120	-.4360	-.9130	-.8120	-.4710
.520	.520	-.4080	-.4850	-.5180	-.5010	-.3820
.650	.650	-.3690	-.4620	-.4390	-.3810	-.3740
.775	.775	-.3760	-.3500	-.2850	-.2790	-.2800
.900	.900	-.2760	-.1640	-.1840	-.1800	-.1800

MACH (1) = .597 BETAT (2) = -6.030

Z/BV	.158	.316	.600	.840	.925	
X/CV	.000	-.0080	-.6890	-.8330	-.6870	-.4890
.050	.050	-.4290	-.9450	-.7590	-.7240	-.9470
.150	.150	-.3550	-.4760	-.7000	-.6570	-.8420
.300	.300	-.3370	-.3710	-.6760	-.5800	-.3880
.520	.520	-.3680	-.4310	-.4540	-.4060	-.2850
.650	.650	-.3550	-.4340	-.4440	-.3490	-.3120
.775	.775	-.3410	-.3020	-.2480	-.2360	-.1970
.900	.900	-.2410	-.1220	-.1130	-.1130	-.1080

MACH (1) = .597 BETAT (3) = -4.010

Z/BV	.158	.316	.600	.840	.925	
X/CV	.000	.1380	-.1720	-.3420	-.2230	-.1900
.050	.050	-.2750	-.7330	-.6570	-.6280	-.8160
.150	.150	-.2820	-.3360	-.5280	-.4990	-.4700
.300	.300	-.2710	-.3070	-.3760	-.3730	-.2770
.520	.520	-.3290	-.4090	-.4310	-.3560	-.3140
.650	.650	-.3460	-.4290	-.4650	-.3700	-.3670
.775	.775	-.3140	-.2950	-.2240	-.2260	-.1210
.900	.900	-.2210	-.1060	-.0820	-.0820	-.0420

MACH (1) = .599 BETAT (4) = -2.000

Z/BV	.158	.316	.600	.840	.925	
X/CV	.000	.2340	.1860	.0300	.1590	.0740
.050	.050	-.2090	-.5480	-.4720	-.4520	-.4180
.150	.150	-.2100	-.2350	-.2770	-.2770	-.2330
.300	.300	-.2100	-.2410	-.2810	-.2590	-.2190
.520	.520	-.3000	-.3970	-.4220	-.3410	-.3120
.650	.650	-.3350	-.4500	-.4770	-.3780	-.3850
.775	.775	-.3050	-.2840	-.2250	-.2030	-.1090
.900	.900	-.2090	-.1180	-.0630	-.0630	-.1020

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2819

AVES 11-707 1A9 ORA + S3 + T9 RIGHT VERTICAL

(PERV011)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .600	BETAT (5) = .020	Z/BV	X/CV	.158	.316	.600	.840	.925
		.000	.3230	.3390	.2390	.2890	.2890	.1050
		.050	-.1370	-.1810	-.2680	-.2570	-.2570	-.2570
		.100	-.1430	-.1490	-.1590	-.1620	-.1370	-.1370
		.150	-.1590	-.1740	-.2090	-.1940	-.1720	-.1720
		.200	-.2790	-.3680	-.3850	-.3270	-.2810	-.2810
		.250	-.3610	-.4860	-.4640	-.3720	-.3720	-.3720
		.300	-.4290	-.6240	-.5940	-.4730	-.4730	-.4730
		.350	-.4890	-.7640	-.7240	-.5800	-.5800	-.5800
		.400	-.5490	-.8940	-.8440	-.6800	-.6800	-.6800
		.450	-.6090	-.1010	-.9440	-.7600	-.7600	-.7600
		.500	-.6690	-.1110	-.1070	-.8400	-.8400	-.8400

MACH (1) = .596 BETAT (6) = 2.060

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2220	.2440	.1590	.1050	.1050	-.1410
.050	-.0710	-.0310	.0000	.0150	.0150	-.0180
.100	-.0760	-.0460	-.0470	-.0530	-.0680	-.0680
.150	-.0990	-.1030	-.1220	-.1200	-.1300	-.1300
.200	-.2430	-.3320	-.3310	-.2830	-.2380	-.2380
.250	-.3730	-.4730	-.4380	-.3590	-.3410	-.3410
.300	-.4810	-.5910	-.5170	-.4190	-.4040	-.4040
.350	-.5790	-.6990	-.6070	-.5000	-.4850	-.4850
.400	-.6770	-.7970	-.6870	-.5700	-.5550	-.5550
.450	-.7750	-.8950	-.7750	-.6400	-.6250	-.6250
.500						

MACH (1) = .597 BETAT (7) = 3.080

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.1570	.1320	.0510	-.0430	-.3010	
.050	-.0310	.0490	.0870	.0990	.0470	
.100	-.0380	.0010	.0020	.0110	-.0260	
.150	-.0680	-.0670	-.0890	-.0860	-.1070	
.200	-.2230	-.3160	-.3030	-.2820	-.2410	
.250	-.3650	-.4530	-.3970	-.3320	-.3220	
.300	-.4810	-.5780	-.4890	-.4280	-.4090	
.350	-.5790	-.6770	-.5790	-.5180	-.4990	
.400	-.6770	-.7750	-.6770	-.6160	-.5970	
.450						
.500						

MACH (1) = .600 BETAT (8) = 4.100

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.0770	-.0360	-.0390	-.1830	-.4690	
.050	.0130	.0170	.1440	.1550	.0890	
.100	-.0090	.0390	.0460	.0490	.0040	
.150	-.0410	-.0390	-.0510	-.0570	-.0880	
.200	-.2100	-.2860	-.2890	-.2430	-.2220	
.250	-.3740	-.4470	-.3690	-.3140	-.3100	
.300	-.5290	-.5950	-.4710	-.4190	-.4190	
.350	-.6770	-.7430	-.6170	-.5650	-.5650	
.400	-.8250	-.8910	-.7650	-.7130	-.7130	
.450						
.500						

MACH (1) = .601 BETAT (9) = 6.150

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	-.1570	-.3970	-.3170	-.4730	-.8370	
.050	.1070	.2090	.2450	.2310	.1550	
.100	.0670	.1090	.1270	.1120	.0420	
.150	.0220	.0170	.0120	-.0050	-.0610	
.200						
.250						
.300						
.350						
.400						
.450						
.500						

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(CONF-11)

SECTION (1) RIGHT VERTICAL

MACH (1) = .601	BETAT (9) = 6.190	Z/BV X/CV	.158	.316	.600	.840	.925
		.520	-1.170	-2.440	-2.590	-2.130	-1.910
		.650	-3.750	-4.410	-3.320	-2.900	-2.850
		.775	-3.590	-2.600	-1.670	-1.240	-1.270
		.900		-2.030	-1.060	-1.050	-1.070

MACH (1) = .600	BETAT (10) = 8.190	Z/BV X/CV	.158	.316	.600	.840	.925
		.500	-3.240	-8.420	-5.640	-7.610	-9.870
		.650	.1350	.2710	.2960	.2900	.630
		.150	.1030	.1660	.1830	.1570	.570
		.300	.0650	.0520	.0580	.0290	.5360
		.520	-1.320	-2.160	-2.080	-1.930	-1.870
		.650	-3.810	-3.930	-2.910	-2.850	-2.720
		.775	-3.160	-2.570	-1.520	-1.350	-1.270
		.900		-2.050	-1.160	-1.210	-1.120

MACH (2) = .900	BETAT (1) = -8.140	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1190	-.4550	-.8180	-.6610	-.4290
		.050	-.5470	-1.1050	-1.0910	-.7010	-.5450
		.150	-.4750	-.9450	-1.0360	-.7000	-.5930
		.300	-.5130	-.5250	-1.1360	-.6030	-.5920
		.520	-.5060	-.5150	-.9430	-.5750	-.4950
		.650	-.4250	-.4590	-.5310	-.5270	-.4350
		.775	-.4420	-.3920	-.2970	-.4750	-.4170
		.900		-.3430	-.1750	-.4250	-.3450

MACH (2) = .900	BETAT (2) = -6.090	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1250	-.2050	-.5420	-.3840	-.3270
		.050	-.3750	-1.0460	-.9490	-.8410	-1.1100
		.150	-.4120	-.6420	-.8270	-.7970	-1.1020
		.300	-.4610	-.4600	-.8610	-.7360	-.8720
		.520	-.4220	-.4560	-.6140	-.5310	-.3030
		.650	-.3850	-.4550	-.6160	-.4250	-.3010
		.775	-.3710	-.3800	-.3360	-.5030	-.1930
		.900		-.3390	-.1850	-.2150	-.1190

MACH (2) = .900	BETAT (3) = -4.060	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1300	-.5210	-.1740	-.0560	-.1320
		.050	-.2660	-.8900	-.7210	-.9350	-1.0910
		.150	-.3370	-.3890	-.6150	-.6530	-.9070
		.300	-.3390	-.2930	-.5530	-.6710	-.5040
		.520	-.3330	-.4280	-.4780	-.4730	-.2560

JAMES 11-737 1A9 Q2A + S3 + T9 RIGHT VERTICAL

SECTION (2) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (3) = -.4560

	150	316	655	840	925
100					
200					
300					
400					
500					
600					
700					
800					
900					
1000					
1100					
1200					
1300					
1400					
1500					
1600					
1700					
1800					
1900					
2000					
2100					
2200					
2300					
2400					
2500					
2600					
2700					
2800					
2900					
3000					
3100					
3200					
3300					
3400					
3500					
3600					
3700					
3800					
3900					
4000					
4100					
4200					
4300					
4400					
4500					
4600					
4700					
4800					
4900					
5000					
5100					
5200					
5300					
5400					
5500					
5600					
5700					
5800					
5900					
6000					
6100					
6200					
6300					
6400					
6500					
6600					
6700					
6800					
6900					
7000					
7100					
7200					
7300					
7400					
7500					
7600					
7700					
7800					
7900					
8000					
8100					
8200					
8300					
8400					
8500					
8600					
8700					
8800					
8900					
9000					
9100					
9200					
9300					
9400					
9500					
9600					

$$\text{WACH} (2) = .951 \text{ BETAT} (4) = -2.025$$

Wavelength, microns	1.58	.316	.650	.843	.925
1000	1.880	1.860	.5763	.1693	.5183
950	.2350	-.6480	-.6473	-.7763	-.7850
1.90	.2760	-.2450	-.3340	-.3680	-.3440
2.00	.2380	-.2270	-.2970	-.3590	-.3250
2.20	.2880	-.3820	-.3950	-.3850	-.3350
2.50	.3870	-.5600	-.1.5670	-.2610	-.3530
3.65	.3360	-.6410	-.6840	-.1.993	-.1.220
7.75		-.3160	-.2810	-.1.220	-.1.650

$$\text{MACH} (2) = .951 \text{ BETAT} (5) = 2.580$$

Year	198	316	600	840	925
1900	1670	2520	1795	1080	1680
1905	1700	0540	0030	0120	0950
1910	1570	0580	0960	0800	1700
1915	1000	0610	1220	1810	2500
1920	1980	2640	3340	3730	3820
1925	3870	6550	4180	5770	6970
1930	3070	4110	4720	4070	2570
1935	3160	1730	2670	1160	1160

$$\text{MACH (2)} = .955 \quad \text{BETAT (6)} = 4.153$$

Z/BV	λ /CV	.158	.316	.605	.843	.925
.500		.0890	.1345	.0265	-.0845	-.3775
.550		.0890	.0880	.1275	.1050	.0900
.600		.0565	.0550	.0365	-.0250	-.1100
.650		.0280	.0030	.0645	-.1320	-.2375
.700		.1480	-.2270	-.3150	-.3550	-.3750
.750		-.4110	-.7150	-.1500	-.5560	-.4715
.800		-.3290	-.4070	-.3180	-.4680	-.2130
.850		-.3220	-.1550	-.1775	-.0835	-.0835

MACH (2) = .952 BETAT (7) = 6.250

[illegible]

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

PAGE 2822

(RBHR11)

AMES 11-707 IA9 OEA + S3 + T9 RIGHT VERTICAL

SECTION (2) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (7) = 6.2071

Z/BV	.158	.316	.600	.840	.925
X/CV	.775	-.3480	-.4090	-.2730	-.3960
.900		-.3200	-.1700	-.1720	-.1200

MACH (2) = .900 BETAT (8) = 8.280

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	-.0130	-.1820	-.2750	-.3800
.050		.0860	.2540	.2680	.2430
.100		.1010	.1820	.1600	.1160
.150		.1010	.1040	.0350	-.0230
.200		-.0580	-.1510	-.2770	-.3000
.250		.650	-.3890	-.7250	-.9660
.300		.775	-.3390	-.3870	-.2380
.350			-.3090	-.2200	-.3500
.400					-.2410

MACH (3) = 1.103 BETAT (1) = -8.150

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3540	.0230	-.1970	-.1960
.050		-.1440	-.6950	-.7780	-.8020
.100		.150	-.2340	-.3700	-.7230
.150		.300	-.3090	-.3490	-.7010
.200		.520	-.3730	-.3970	-.5520
.250		.650	-.4790	-.7100	-.7520
.300		.775	-.4480	-.5630	-.7960
.350			-.5140	-.5130	-.6170
.400					-.5470

MACH (3) = 1.098 BETAT (2) = -6.110

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2500	.1460	-.0340	.0180
.050		-.0090	-.6220	-.7420	-.8840
.100		.150	-.1410	-.2910	-.5630
.150		.300	-.2370	-.3100	-.5220
.200		.520	-.3210	-.3710	-.4230
.250		.650	-.5010	-.7110	-.7450
.300		.775	-.4010	-.5490	-.7900
.350			-.5130	-.5200	-.5260
.400					-.5290

MACH (3) = 1.092 BETAT (3) = -4.070

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2320	.2640	.0850	.1890
.050		.0780	-.5340	-.7480	-.8560
.100		.150	-.0690	-.2480	-.4170
.150		.300	-.1860	-.2760	-.3680
.200		.520	-.2830	-.3320	-.2930
.250		.650	-.4970	-.7130	-.7530
.300		.775	-.3960	-.5260	-.7730
.350					-.6520

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2823

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RENR11)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE C_F

MACH (3) = 1.102 BETAT (3) = -4.070

Z/BV	.158	.316	.600	.840	.925
X/CV	.900	-.4760	-.4950	-.5970	-.6570

MACH (3) = 1.101 BETAT (4) = -2.030

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3160	.3530	.1570	.2550
	.050	.0730	-.4780	-.6760	-.6660
	.150	-.0640	-.2200	-.2750	-.3050
	.300	-.1790	-.2390	-.2530	-.2500
	.520	-.2500	-.278	-.2720	-.2420
	.650	-.5050	-.7580	-.7650	-.7690
	.775	-.3920	-.5030	-.7580	-.7590
	.900	-.4670	-.5400	-.7330	-.6640

MACH (3) = 1.101 BETAT (5) = 2.090

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3410	.3920	.2080	.1920
	.050	-.0770	-.1690	-.1380	-.0230
	.150	-.0790	-.1010	-.0260	-.0270
	.300	-.1360	-.0840	-.0770	-.0800
	.520	-.1600	-.1510	-.1840	-.2070
	.650	-.5040	-.7160	-.7400	-.7640
	.775	-.3880	-.5560	-.7110	-.7180
	.900	-.4580	-.6960	-.6940	-.6510

MACH (3) = 1.103 BETAT (6) = 4.150

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2660	.3130	.1840	.1210
	.050	-.0360	-.0440	.0680	.1100
	.150	-.0820	-.0450	.0520	.0650
	.300	-.1090	-.0190	.0180	.0090
	.520	-.1260	-.1250	-.1270	-.1620
	.650	-.4610	-.6910	-.7120	-.7380
	.775	-.4030	-.4970	-.6440	-.6930
	.900	-.4520	-.6110	-.6510	-.6280

MACH (3) = 1.100 BETAT (7) = 6.230

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.1930	.2270	.1120	.0080
	.050	-.0050	.0410	.1910	.2200
	.150	-.0620	.0560	.1310	.1370
	.300	-.0620	.0540	.0470	.0460
	.520	-.0690	-.0760	-.1050	-.1540
	.650	-.4340	-.6600	-.6940	-.7330
	.775	-.4080	-.4640	-.6210	-.6970
	.900	-.4580	-.5650	-.6330	-.5870

DATE 21 SEP 73 TABULATED PRESSURE DATA - IAG

AVES 11-707 IAG 08A + S3 + T9 RIGHT VERTICAL (RBMK11)

SECTION 1: RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.100	BETAT (8) = 8.300	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.2390	.1180	.0270	-.1150	-.3240
		.050	.0120	.0790	.2870	.3020	.2250
		.150	-.0440	.1340	.2040	.1970	.1090
		.300	-.0130	.1230	.1230	.0910	-.0090
		.520	-.0170	-.0380	-.0900	-.1300	-.2350
		.650	-.4620	-.6400	-.6770	-.7230	-.6980
		.775	-.3950	-.4020	-.5850	-.6640	-.5580
		.900		-.4550	-.4890	-.5850	-.5530
MACH (4) = 1.245	BETAT (1) = -8.110	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.4180	.1300	-.0450	-.0100	.0340
		.050	-.0460	-.5050	-.6000	-.6670	-.7220
		.150	-.1040	-.2700	-.5000	-.6480	-.7310
		.300	-.1770	-.2370	-.4800	-.5160	-.5560
		.520	-.2530	-.3070	-.4150	-.4940	-.3920
		.650	-.4170	-.6000	-.5890	-.6560	-.7030
		.775	-.3740	-.4780	-.6230	-.6700	-.6730
		.900		-.4440	-.6200	-.5940	-.5800
MACH (4) = 1.249	BETAT (2) = -6.070	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1700	.2570	.0900	.1620	.1410
		.050	.1290	-.4430	-.5640	-.6980	-.7130
		.150	-.0040	-.1700	-.3680	-.6220	-.6300
		.300	-.1000	-.1860	-.3260	-.4640	-.5170
		.520	-.1910	-.2480	-.2930	-.2660	-.2570
		.650	-.4780	-.5710	-.5520	-.6040	-.5680
		.775	-.3510	-.4640	-.5970	-.5900	-.5280
		.900		-.4350	-.6190	-.5810	-.5410
MACH (4) = 1.249	BETAT (3) = -4.040	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.2960	.3290	.1790	.2840	.2350
		.050	.1630	-.3600	-.5280	-.6160	-.6010
		.150	.0330	-.1420	-.2970	-.5010	-.5020
		.300	-.0310	-.1690	-.2180	-.1910	-.3040
		.520	-.1830	-.2130	-.2040	-.1480	-.1250
		.650	-.4280	-.5470	-.5520	-.5380	-.4840
		.775	-.3320	-.4250	-.5680	-.5590	-.4970
		.900		-.4130	-.5860	-.5430	-.4950
MACH (4) = 1.248	BETAT (4) = -2.020	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.3400	.4400	.2220	.3170	.2130
		.050	.1650	-.3120	-.4610	-.4910	-.4780
		.150	.0440	-.0970	-.1630	-.2300	-.2970
		.300	-.0690	-.1200	-.1620	-.1330	-.0550

DATE 21 SEP 79

TABULATED PRESSURE DATA - IASA

ANES 11-707 IAG 02A + S3 + T9 RIGHT VERTICAL

(REMARK 11)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (4) = -2.020

Z/BV	X/CV	.158	.316	.600	.840	.925
.520		-.1510	-.1790	-.1740	-.1190	-.1100
.650		-.4790	-.5750	-.5600	-.5330	-.4820
.775		-.3260	-.4420	-.5590	-.5330	-.4970
.900			-.3990	-.5590	-.5310	-.4810

MACH (4) = 1.246 BETAT (5) = 2.080

Z/BV	X/CV	.158	.316	.600	.840	.925
.000		.3690	.4710	.2550	.2700	.1210
.050		-.0360	-.0370	-.0680	.0350	.0800
.150		.0230	.0030	.0320	.0630	.0670
.300		-.0350	-.0160	.0160	.0280	.0220
.520		-.0700	-.0590	-.0720	-.0450	-.0780
.650		-.4330	-.5150	-.5230	-.5190	-.4960
.775		-.3360	-.4910	-.5090	-.5160	-.4690
.900			-.4040	-.4990	-.5060	-.4800

MACH (4) = 1.247 BETAT (6) = 4.130

Z/BV	X/CV	.158	.316	.600	.840	.925
.000		.3180	.3920	.2640	.2410	.0670
.050		.0390	.0750	.2680	.1820	.1950
.150		.0090	.0350	.1320	.1460	.1300
.300		-.0360	.0530	.0820	.1100	.0480
.520		-.0440	-.0190	-.0260	-.0270	-.0780
.650		-.4120	-.4870	-.5170	-.5120	-.4880
.775		-.3320	-.4550	-.4810	-.4980	-.4660
.900			-.3810	-.4680	-.4870	-.4660

MACH (4) = 1.246 BETAT (7) = 6.180

Z/BV	X/CV	.158	.316	.600	.840	.925
.000		.2070	.3460	.2330	.1490	-.0190
.050		.0230	.1340	.2450	.2790	.2720
.150		.0050	.0860	.1990	.2100	.1730
.300		-.0240	.1270	.1400	.1590	.0700
.520		-.0180	.0220	.0120	-.0170	-.0890
.650		-.4000	-.4670	-.5040	-.5090	-.4820
.775		-.3320	-.4100	-.4680	-.4900	-.4600
.900			-.3640	-.4390	-.4650	-.4370

MACH (4) = 1.247 BETAT (8) = 8.250

Z/BV	X/CV	.158	.316	.600	.840	.925
.000		.3560	.2960	.1540	.0420	-.1270
.050		.1040	.1500	.3260	.3430	.3570
.150		.0410	.1000	.2610	.2690	.1990
.300		.0050	.1670	.1820	.1750	.1110
.520		.0320	.0500	.0380	.0180	-.0850

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A

(RBM11)

AMES 11-70- IA9 O2A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (4) = 1.247	BETAT (8) = 8.250	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.650	-.4240	-.4500	-.4880	-.4940	-.4570
		.775	-.3320	-.3870	-.4370	-.4670	-.4340
		.900		-.3480	-.4000	-.4280	-.3980

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T3 RIGHT VERTICAL

(RMR12) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5500 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
 RUDDER = -5.000 SLEVEN = .000
 RUDFLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.170

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2890	.0810	.0320	.1980	.2360
.050	-.4180	-.6340	-.7130	-.8930	-.9520
.100	-.0980	-.6480	-.6260	-.8040	-.9780
.150	-.1690	-.5520	-.5680	-.6410	-.7530
.200	-.2780	-.2540	-.5810	-.5940	-.5340
.250	-.4510	-.6440	-.7250	-.7950	-.8210
.300	-.775	-.4390	-.6810	-.8130	-.7880
.350		-.4150	-.5950	-.6310	-.7210

MACH (1) = 1.100 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6350	.4870	.3840	.5060	.4190
.050	-.1770	-.5140	-.6780	-.8220	-.8300
.100	.0160	-.2370	-.3800	-.6610	-.6570
.150	.0360	-.0790	-.2130	-.4870	-.5140
.200	-.1290	-.1830	-.1930	-.1320	-.1130
.250	-.4290	-.5910	-.5610	-.5560	-.6060
.300	.775	-.4800	-.5570	-.5240	-.5590
.350		-.4220	-.5790	-.5730	-.4350

MACH (1) = 1.097 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7070	.6270	.5660	.6330	.4480
.050	.1690	-.1280	-.1740	-.1470	-.1150
.100	.1250	.0870	.0840	.0590	.0590
.150	.0910	.1010	.0650	.0260	.0270
.200	.0140	-.0510	-.0260	-.0330	-.0500
.250	-.3460	-.5150	-.5380	-.5390	-.6100
.300	.775	-.3710	-.4980	-.5010	-.5830
.350		-.3630	-.4980	-.5460	-.4310

MACH (1) = 1.099 BETAT (4) = 4.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5400	.5800	.5310	.4850	.2500
.050	.3720	.3520	.3640	.3660	.2960
.100	.3020	.3170	.3030	.2810	.2010
.150	.2750	.2730	.2110	.1670	.0990
.200	.1320	.0290	.0170	-.0160	-.0390
.250	-.2740	-.4670	-.5060	-.5130	-.6230
.300	.775	-.3600	-.2680	-.4140	-.5550
.350		-.3180	-.3790	-.4910	-.4520

ANES 11-757 1A9 OBA + S3 + T9 RIGHT VERTICAL

(RE-612)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.105 BETAT (5) = 0.300

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.0960	.3200	.3640	.2850	.0260
.050	.5810	.5890	.5620	.5280	.4390
.100	.4930	.4830	.4440	.4060	.3500
.150	.4280	.3980	.3270	.2620	.1680
.200	.2380	.0970	.0550	.0240	-.0590
.250	-.1670	-.3940	-.4640	-.4870	-.5930
.300	-.3270	-.1850	-.2980	-.3750	-.4290
.350		-.2840	-.1780	-.3650	-.3680

MACH (2) = 1.250 BETAT (1) = -0.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3470	.2420	.1880	.3270	.3560
.050	-.3200	-.4270	-.5200	-.6930	-.7430
.100	-.0850	-.4390	-.4970	-.6380	-.6640
.150	-.0890	-.3950	-.3570	-.5410	-.5430
.200	-.1710	-.2100	-.3880	-.4140	-.4110
.250	-.3550	-.4610	-.5660	-.5610	-.6530
.300	-.775	-.3720	-.5110	-.6000	-.6300
.350		-.3470	-.4800	-.5920	-.5710

MACH (2) = 1.251 BETAT (2) = -4.057

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6780	.5640	.4860	.5980	.5720
.050	-.1510	-.3380	-.5400	-.5870	-.5940
.100	.1100	-.1470	-.4050	-.4530	-.4570
.150	.0490	-.0370	-.0930	-.3600	-.3400
.200	-.0540	-.0750	-.0820	-.0720	-.2210
.250	-.3150	-.4190	-.4180	-.3680	-.4650
.300	-.3340	-.4140	-.3960	-.3440	-.4010
.350		-.3580	-.4100	-.3980	-.2670

MACH (2) = 1.246 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7950	.6950	.6030	.6770	.5080
.050	.1950	-.0930	-.1850	-.1440	-.0680
.100	.2110	.1450	.1450	.1630	.1530
.150	.3070	.1410	.1190	.1220	.1090
.200	.0710	.0340	.0380	.0590	.0560
.250	-.2720	-.3580	-.3430	-.3420	-.4180
.300	-.775	-.3210	-.3350	-.3310	-.4030
.350		-.2880	-.3390	-.3730	-.2810

MACH (2) = 1.245 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5720	.6520	.6060	.5720	.3560
.050	.4350	.3650	.4030	.4280	.3830
.100	.3370	.3450	.3630	.3640	.2980
.150	.2970	.3240	.2880	.2740	.2080

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBYR12)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130		Z/BV		.158		.316		.600		.840		.925	
		X/CV											
		.520		.1980		.1470		.1420		.1060		.0660	
		.650		-.1760		-.2990		-.3090		-.3230		-.4190	
		.775		-.2810		-.1670		-.2560		-.2970		-.3990	
		.900				-.2070		-.2380		-.3190		-.2860	
MACH (2) = 1.247 BETAT (5) = 8.250		Z/BV		.158		.316		.600		.840		.925	
		X/CV											
		.000		.1960		.4630		.4820		.4090		.1590	
		.050		.5670		.6180		.6270		.6100		.5340	
		.150		.4840		.5340		.5200		.4950		.4050	
		.300		.4580		.4700		.4170		.3720		.2840	
		.520		.3240		.2240		.1890		.1530		.0610	
		.650		-.0680		-.2340		-.2810		-.3010		-.3960	
		.775		-.2500		-.0540		-.1690		-.2420		-.2970	
		.900				-.1450		-.0650		-.2320		-.2290	

DATE 21 SEP 73

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T/FULATED PRESSURE DATA - 1A9A

AVES 1-707 1A9 02A + S3 + T9 RIGHT VERTICAL (RBR113) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUFLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.180

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.2740	.0860	.0250	.1830	.2110	
.050	-.3040	-.6390	-.7230	-.5460	-.5740	
.100	-.1180	-.6630	-.6370	-.5120	-.5610	
.150	-.1870	-.5010	-.3920	-.4590	-.5080	
.200	-.2930	-.2780	-.3980	-.4440	-.4300	
.250	-.4600	-.6590	-.4670	-.5160	-.5270	
.300	-.4280	-.4180	-.4530	-.5190	-.8050	
.350	-.4260	-.4250	-.4550	-.4550	-.7210	

MACH (1) = 1.098 BETAT (2) = -4.080

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.6190	.4620	.3560	.4740	.3730	
.050	-.1040	-.5210	-.7070	-.4780	-.4530	
.100	-.0780	-.2480	-.3910	-.4230	-.4260	
.150	-.0680	-.1160	-.1610	-.3500	-.3740	
.200	-.1600	-.2090	-.1530	-.1450	-.1290	
.250	-.4320	-.6030	-.3480	-.3830	-.4140	
.300	-.4120	-.4620	-.3550	-.3720	-.5830	
.350	-.4260	-.3640	-.3880	-.3880	-.4560	

MACH (1) = 1.101 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.7000	.5910	.5280	.5930	.4080	
.050	.1540	-.1700	-.2260	-.1630	-.1070	
.100	.0940	.0540	.0770	.0620	.0370	
.150	.0550	.0520	.0440	.0120	.0050	
.200	-.0140	-.0680	-.0460	-.0500	-.0670	
.250	-.3790	-.5180	-.3570	-.4160	-.5090	
.300	-.3950	-.3820	-.3470	-.4030	-.5930	
.350	-.3690	-.3440	-.4230	-.4230	-.4490	

MACH (1) = 1.097 BETAT (4) = 4.140

Z/BV	X/CV	.158	.316	.630	.840	.925
.000	.5380	.5570	.4930	.4460	.2070	
.050	.3250	.2990	.3270	.3350	.2630	
.100	.2580	.2760	.2700	.2540	.1710	
.150	.2390	.2250	.1810	.1410	.0720	
.200	.1070	.0210	-.0310	-.0370	-.1620	
.250	-.2990	-.4770	-.4770	-.5080	-.6110	
.300	-.3930	-.2940	-.4310	-.4710	-.5550	
.350	-.3270	-.3930	-.4950	-.4950	-.4720	

(GENERAL)

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.102	BETAT (5) = 8.290	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1020	.3140	.5340	.2420	-.1000
		.050	.4950	.5460	.5250	.5020	.4130
		.100	.4290	.4470	.4140	.3780	.2730
		.150	.3810	.3490	.3020	.2370	.1420
		.200	.3200	.2070	.1100	.0370	-.0890
		.250	.2450	.1840	-.4170	-.4610	-.5760
		.300	.1550	-.3390	-.1950	-.3200	-.4470
		.350	.0500	-.2990	-.1970	-.3710	-.3880

MACH (2) = 1.245 BETAT (1) = -8.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3090	.2480	.1790	.3120	.3120
.050	-.2050	-.4460	-.5380	-.2070	-.2260
.100	-.0690	-.4670	-.5060	-.1890	-.2030
.150	-.1130	-.3860	-.0530	-.1640	-.1690
.200	-.1930	-.2040	-.0650	-.1220	-.1280
.250	-.3680	-.4870	-.1510	-.1630	-.2010
.300	-.3580	-.3460	-.1310	-.1740	-.6410
.350		-.3590	-.1240	-.1740	-.5580

MACH (2) = 1.251 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6170	.5380	.4530	.5600	.4630
.050	-.0270	-.3430	-.5390	-.1970	-.2000
.100	.0940	-.1780	-.3680	-.1550	-.1600
.150	.0240	-.0360	.0300	-.1250	-.1220
.200	-.0780	-.1130	.0330	-.0130	-.0490
.250	-.3160	-.4350	-.1270	-.1250	-.2560
.300	-.3410	-.4060	-.1190	-.1200	-.4020
.350		-.3490	-.1250	-.1360	-.3090

MACH (2) = 1.246 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7810	.6630	.5590	.6330	.4630
.050	.1920	-.0560	-.1930	.0820	.1040
.100	.1910	.1200	.1220	.2020	.1960
.150	.1160	.0980	.2470	.1870	.1740
.200	.0440	.0000	.2000	.1580	.1510
.250	-.2850	-.3680	.0040	.0010	-.0330
.300	-.3380	-.3260	.0030	.0010	-.4130
.350		-.2950	.0020	-.0130	-.2990

MACH (2) = 1.245 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5210	.6250	.5680	.5320	.3160
.050	.4040	.3240	.3720	.3980	.3590
.100	.3030	.3050	.3360	.3380	.2750
.150	.2650	.2760	.3190	.2550	.1990

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(PENG13)

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

MACH (2) = 1.245 BETAT (4) = 4.120

DEPENDENT VARIABLE CP	
Z/BV	.158
X/CV	.316
.520	.1740
.650	.1130
.775	.2170
.900	.1570
	.840
	.925
	.1330
	-.0720
	-.6080
	-.3120

MACH (2) = 1.247 BETAT (5) = 8.230

Z/BV	.158
X/CV	.316
.000	.1630
.050	.4420
.150	.5670
.300	.5930
.520	.4920
.650	.4170
.775	.4110
.900	.4160
	.2050
	.2430
	.0220
	-.0480
	.0560
	-.0760
	-.1500
	.0960
	-.0180
	-.2400

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

GENREL4 (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.0000 OCBINC = .500
 RUDDER = -5.0000 ELEVON = .000
 RUFLR = .500

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -8.190

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2380	.0870	-.0170	.1300
.050	.1590	-.6820	-.7340	-.8800	-.9610
.150	-.1340	-.6670	-.7820	-.9260	-.9260
.300	-.2060	-.3490	-.6090	-.6590	-.7600
.500	-.3170	-.3170	-.6040	-.6290	-.5610
.650	-.4440	-.7010	-.7340	-.8390	-.8330
.775	-.4200	-.4220	-.7020	-.7900	-.8310
.900		-.4130	-.6320	-.6150	-.7000

MACH (1) = 1.101 BETAT (2) = -4.080

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.5770	.4460	.3230	.4390
.050	-.0200	-.5410	-.7350	-.8370	-.8450
.150	-.0280	-.2360	-.3740	-.6790	-.5760
.300	-.1010	-.1220	-.2440	-.4250	-.5310
.500	-.1850	-.2270	-.2200	-.1960	-.1470
.650	-.4280	-.6290	-.5760	-.5880	-.6250
.775	-.3850	-.4350	-.5890	-.5550	-.5860
.900		-.4110	-.6070	-.5990	-.4790

MACH (1) = 1.099 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6840	.5550	.4790	.5530
.050	.1370	-.1880	-.2760	-.1710	-.1280
.150	.0690	.0190	.0460	.0360	.0310
.300	.0260	.0350	.0210	-.0090	-.0270
.500	-.0420	-.0910	-.0670	-.0790	-.0930
.650	-.3810	-.5310	-.5570	-.5580	-.6360
.775	-.3720	-.3990	-.5190	-.5290	-.6010
.900		-.3820	-.5190	-.5710	-.4720

MACH (1) = 1.103 BETAT (4) = 4.130

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.9020	.5310	.4520	.3980
.050	.2810	.2480	.2870	.2990	.2400
.150	.2050	.2350	.2370	.2220	.1440
.300	.1920	.2000	.1530	.1270	.0470
.500	.0710	-.0120	-.0230	-.0550	-.0830
.650	-.3140	-.4670	-.5280	-.5350	-.6450
.775	-.3790	-.3110	-.4420	-.4930	-.5540
.900		-.3460	-.4040	-.5130	-.4940

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

PERIOD

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = 1.599	BETAT (5) = 8.260	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1990	.2930	.2840	.1990	-.0570
		.050	.4220	.4920	.4870	.4690	.3790
		.100	.3680	.4050	.3780	.3490	.2430
		.150	.3330	.3320	.2780	.2130	.1150
		.200	.1750	.0610	.0150	-.0200	-.1190
		.250	-.2000	-.4280	-.4890	-.5180	-.6150
		.300	-.3370	-.2150	-.3300	-.4180	-.4610
		.350		-.3180	-.2140	-.3950	-.4080

MACH (2) = 1.246	BETAT (1) = -8.140	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.2840	.2310	.1410	.2660	.2890
		.050	-.0790	-.4490	-.5410	-.7030	-.7480
		.100	-.0990	-.4630	-.4920	-.6540	-.6870
		.150	-.1080	-.3170	-.3700	-.5380	-.5680
		.200	-.2150	-.1820	-.3920	-.4180	-.4300
		.250	-.3710	-.5260	-.5530	-.5980	-.6640
		.300	-.775	-.3530	-.1740	-.6080	-.6420
		.350		-.3510	-.5060	-.5870	-.5910

MACH (2) = 1.244	BETAT (2) = -4.060	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.5180	.5160	.4090	.5150	.4120
		.050	.1340	-.3510	-.5450	-.6020	-.6080
		.100	.0900	-.1590	-.3500	-.4680	-.4750
		.150	.0070	-.0280	-.1290	-.3920	-.3950
		.200	-.1220	-.1240	-.1170	-.0810	-.0550
		.250	-.3340	-.4880	-.4240	-.3520	-.4590
		.300	-.775	-.3450	-.4240	-.3930	-.3910
		.350		-.3520	-.4410	-.4050	-.2850

MACH (2) = 1.247	BETAT (3) = .020	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.7670	.6300	.5140	.5870	.4110
		.050	.1880	-.0760	-.1970	-.1900	-.0780
		.100	.1660	.0920	.0940	.1110	.0040
		.150	.0930	.0880	.0680	.0820	.0570
		.200	.0160	-.0080	-.0060	.0200	.0180
		.250	-.3030	-.3860	-.3640	-.3810	-.4350
		.300	-.775	-.3170	-.3420	-.3990	-.4230
		.350		-.3060	-.3600	-.3930	-.3210

MACH (2) = 1.245	BETAT (4) = 4.110	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.4670	.5940	.5240	.4820	.2770
		.050	.3640	.2750	.3370	.3680	.3340
		.100	.2760	.2720	.3580	.3570	.2480
		.150	.2260	.2660	.2380	.2320	.1620

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TABULATED PRESSURE DATA - 1A9A

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(334614)

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.245	BETAT (4) = 4.110	Z/BV	.159	.316	.600	.840	.925
		X/CV					
		.520	.1430	.1060	.0960	.0780	.0090
		.650	-.1990	-.3190	-.3340	-.3450	-.4430
		.775	-.2820	-.2030	-.2790	-.3280	-.3940
		.900		-.2310	-.2590	-.3380	-.3260
MACH (2) = 1.250	BETAT (5) = 8.210	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.070	.1450	.4120	.4110	.3260	.0850
		.090	.4480	.5270	.5610	.5570	.4850
		.150	.3680	.4600	.4660	.4500	.3590
		.300	.3700	.4120	.3660	.3360	.2450
		.520	.2690	.1900	.1610	.1250	.0310
		.650	-.0920	-.2510	-.2910	-.3170	-.4130
		.775	-.2460	-.0820	-.1810	-.2610	-.3240
		.900		-.1600	-.0980	-.2420	-.2520

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBMR15) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .500
 RUOFLR = .000

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3470	.0950	-.0390	.0890	.0980
.050	-.1490	-.6720	-.7470	-.4890	-.5340
.150	-.1460	-.6720	-.6780	-.4610	-.5250
.300	-.2230	-.2080	-.3670	-.4150	-.4630
.520	-.3250	-.3550	-.3650	-.4100	-.3930
.650	-.4540	-.6900	-.4270	-.4880	-.4970
.775	-.4270	-.4250	-.4220	-.4390	-.8510
.900	-.4340	-.3980	-.3960	-.6480	

MACH (1) = 1.101 BETAT (2) = -4.080

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.4730	.4210	.2950	.4020	.2880
.050	.0270	-.5300	-.7510	-.4630	-.4690
.150	-.0420	-.2410	-.3830	-.4110	-.4150
.300	-.1280	-.1670	-.1630	-.2950	-.3520
.520	-.2110	-.2580	-.1570	-.1740	-.1660
.650	-.4440	-.6360	-.3390	-.3780	-.3940
.775	-.3850	-.4140	-.3520	-.3680	-.6040
.900	-.1020	-.3600	-.3820	-.5040	

MACH (1) = 1.103 BETAT (3) = .030

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.6660	.5210	.4250	.5080	.3090
.050	.1250	-.2120	-.3000	-.1730	-.1370
.150	.0430	-.0110	.0190	.0110	-.0160
.300	-.0130	-.0110	.0070	-.0250	-.0440
.520	-.0760	-.1190	-.0650	-.0970	-.1150
.650	-.3980	-.5440	-.3310	-.3390	-.3740
.775	-.3880	-.3980	-.3250	-.3310	-.6080
.900	-.3760	-.3210	-.3450	-.4950	

MACH (1) = 1.097 BETAT (4) = 4.140

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.4100	.4970	.4160	.3600	.1200
.050	.2430	.1960	.2590	.2730	.2190
.150	.1650	.2020	.2110	.2020	.1200
.300	.1520	.1550	.1270	.1020	.0240
.520	.0410	-.0250	-.0320	-.0350	-.1020
.650	-.3270	-.4960	-.4730	-.3210	-.3760
.775	-.3910	-.3290	-.4380	-.3080	-.5620
.900	-.3470	-.4050	-.3120	-.5090	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RSMR15)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 8.250

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2160	.2790	.2550	.1990	-.1040
.050	.3560	.4470	.4570	.4370	.3530
.100	.3100	.3660	.3510	.3230	.2180
.150	.2840	.2890	.2470	.1930	.0940
.200	.1500	.0630	.0060	-.0420	-.1360
.250	-.2310	-.4430	-.4870	-.3270	-.6030
.300	-.3690	-.2320	-.3550	-.4320	-.4800
.350		-.3220	-.2290	-.3850	-.4250

MACH (2) = 1.245 BETAT (1) = -8.150

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3970	.2210	.1310	.2410	.2350
.050	-.2130	-.4720	-.5520	-.2140	-.2350
.100	-.0220	-.4760	-.4990	-.1980	-.2110
.150	-.0850	-.2070	-.0610	-.1690	-.1760
.200	-.2710	-.2210	-.0620	-.1180	-.1330
.250	-.3850	-.5240	-.1390	-.1730	-.2080
.300	-.3640	-.3490	-.1270	-.1760	-.6510
.350		-.3530	-.1280	-.1720	-.6020

MACH (2) = 1.249 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4190	.4390	.3770	.4800	.3670
.050	.1430	-.3630	-.5470	-.1210	-.1300
.100	.0570	-.1590	-.3630	-.0790	-.0870
.150	-.0280	-.0850	.1250	-.0420	-.0480
.200	-.1220	-.1650	.1220	.0620	.0630
.250	-.3640	-.4360	-.0320	-.0550	-.0780
.300	-.3610	-.3560	-.0390	-.0450	-.4010
.350		-.3440	-.0460	-.0560	-.3150

MACH (2) = 1.247 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7290	.5950	.4750	.5310	.3550
.050	.1680	-.0980	-.2030	.1780	.1970
.100	.1420	.0580	.0630	.2650	.2580
.150	.0710	.0400	.3040	.2560	.2460
.200	-.0110	-.1450	.2680	.2340	.2280
.250	-.3310	-.3020	.1180	.1140	.0870
.300	-.3330	-.3140	.1140	.1100	-.4340
.350		-.3100	.1130	.1020	-.3400

MACH (2) = 1.247 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3860	.5540	.4820	.4420	.2340
.050	.3070	.2150	.2970	.3590	.3430
.100	.2280	.2240	.2710	.3300	.3050
.150	.1780	.2160	.3050	.3050	.2700

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RDBMR15)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

$\gamma_{ACH} (2) = 1.247 \text{ BETAT} (4) = 4.110$

Parameter	Value	Value	Value
Z/BV	.158	.316	.630
X/CV	.520	.1030	.2510
	.650	-.3360	.1070
	.775	-.3970	.1170
	.950	-.2460	.1250
			.1040
			-.3380
			-.6030
			.1060
			.2100
			.0690
			.2270
			.5720

MACH (2) = 1.246 BETAT (5) = 8.203

Z/BV X/CV	.158	.316	.632	.670	.682
.000	.2090	.3720	.3680	.2710	.0210
.050	.3680	.4480	.5130	.5110	.4430
.100	.2910	.3970	.4240	.4100	.3170
.150	.3080	.3450	.3560	.3140	.2110
.200	.2290	.1610	.2250	.1700	.0870
.250	.1460	-.2800	-.0330	-.0620	-.1080
.300	-.2830	-.1220	.0000	-.0440	-.3400
.350		.1810	.0370	-.0320	-.2750

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL (RBM4R16) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUDDLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -0.210

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2880	.0670	-.0890	.0250	.0420	
.050	-.0860	-.6900	-.7590	-.8340	-.9590	
.150	-.1540	-.6850	-.6990	-.7660	-.9100	
.300	-.2450	-.2220	-.6500	-.6570	-.7070	
.520	-.3540	-.3500	-.6250	-.6720	-.5170	
.650	-.4580	-.7070	-.7460	-.8600	-.9010	
.775	-.4320	-.4430	-.7380	-.6820	-.7770	
.900		-.4290	-.6780	-.5450	-.6190	

MACH (1) = 1.098 BETAT (2) = -4.090

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3640	.3840	.2450	.3590	.2580	
.050	.0450	-.5410	-.7770	-.8560	-.8640	
.150	-.0630	-.2520	-.3930	-.7070	-.7100	
.300	-.1470	-.1600	-.2750	-.4660	-.5550	
.520	-.2450	-.2690	-.2740	-.1910	-.1930	
.650	-.4690	-.6730	-.6030	-.6100	-.6530	
.775	-.3880	-.4120	-.6190	-.5860	-.6020	
.900		-.3950	-.6290	-.6220	-.5240	

MACH (1) = 1.100 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.6290	.4950	.3730	.4550	.2670	
.050	.1000	-.2420	-.3330	-.2400	-.1700	
.150	.0200	-.0430	-.0160	-.0090	-.0380	
.300	-.0430	-.0330	-.0430	-.0440	-.0670	
.520	-.1050	-.1350	-.1150	-.1130	-.1310	
.650	-.4110	-.5650	-.5680	-.5730	-.6490	
.775	-.3770	-.4150	-.5390	-.5540	-.6120	
.900		-.3990	-.5300	-.5840	-.5070	

MACH (1) = 1.100 BETAT (4) = 4.130

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3290	.4660	.3770	.3170	.0840	
.050	.1820	.1450	.2250	.2410	.1930	
.150	.1130	.1620	.1840	.1710	.0840	
.300	.1030	.1370	.1020	.0600	.0020	
.520	.0070	-.0500	-.0580	-.0920	-.1260	
.650	-.3140	-.5070	-.5480	-.5630	-.6720	
.775	-.3740	-.3320	-.4690	-.5300	-.5690	
.900		-.3870	-.4250	-.5330	-.5260	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AXES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBM16)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 0.250

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2120	.2520	.2090	.1040		-.1460
.050	.2790	.3920	.4160	.4010		.3820
.100	.2340	.3260	.3130	.2860		.1880
.150	.2450	.2690	.2170	.1640		.0680
.200	.1190	.0210	-.0310	-.0660		-.1690
.250	-.2520	-.4570	-.5170	-.5480		-.6460
.300	-.3590	-.2500	-.3650	-.4560		-.4950
.350		-.3420	-.2500	-.4060		-.4440

MACH (2) = 1.247 BETAT (1) = -0.150

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3230	.1920	.0970	.1950		.1930
.050	-.0710	-.4910	-.5640	-.7190		-.7660
.100	-.0420	-.4490	-.5000	-.6680		-.6900
.150	-.1230	-.1310	-.3770	-.5720		-.5790
.200	-.2160	-.2310	-.3610	-.4150		-.4580
.250	-.3890	-.5630	-.5270	-.6050		-.6690
.300	-.3530	-.3680	-.5190	-.5880		-.6530
.350		-.3560	-.5280	-.5720		-.5930

MACH (2) = 1.249 BETAT (2) = -4.070

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3700	.4650	.3400	.4470		.3270
.050	.1340	-.3780	-.5530	-.6150		-.6250
.100	.0900	-.1610	-.3420	-.4890		-.4880
.150	-.0510	-.0640	-.1660	-.3740		-.3760
.200	-.1340	-.1580	-.1600	-.1010		-.0650
.250	-.3700	-.5200	-.4420	-.4060		-.4660
.300	-.3390	-.3600	-.4500	-.3940		-.4190
.350		-.3560	-.4630	-.4260		-.3340

MACH (2) = 1.247 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.6680	.5750	.4280	.4900		.3110
.050	.1530	-.1120	-.2180	-.1820		-.0980
.100	.1180	.0430	.0990	.0690		.0610
.150	.0480	.0370	.0250	.0410		.0290
.200	-.0370	-.0520	-.0380	-.0200		-.0170
.250	-.3280	-.4110	-.3800	-.3730		-.4480
.300	-.3270	-.3750	-.3740	-.3830		-.4420
.350		-.3280	-.3770	-.4040		-.3510

MACH (2) = 1.244 BETAT (4) = 4.110

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3450	.5380	.4460	.4140		.2030
.050	.2460	.2120	.2800	.3180		.2870
.100	.1870	.1990	.2520	.2640		.2060
.150	.1470	.2040	.1880	.1980		.1240

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

MACH (2) = 1.244 BETAT (4) = 4.110

DEPENDENT VARIABLE CP	
Z/BV	.158 .316 .600 .840 .925
X/CV	
.523	.0780 .0600 .0370 .0460 .0080
.650	-.2450 -.3440 -.3520 -.3650 -.4600
.775	-.2910 -.2440 -.3030 -.3520 -.4030
.900	-.2560 -.2810 -.3500 -.3300

MACH (2) = 1.244 BETAT (5) = 8.200

Z/BV	.158 .316 .600 .840 .925
X/CV	
.000	.1460 .3310 .3210 .2200 -.0100
.050	.3430 .3930 .4840 .4200 .4200
.150	.2420 .3600 .3940 .3810 .2980
.300	.2640 .3250 .2960 .2800 .1860
.523	.1960 .1360 .1090 .0780 -.0210
.650	-.1710 -.2870 -.3270 -.3500 -.4430
.775	-.2770 -.1280 -.2180 -.3000 -.3470
.900	-.2000 -.1340 -.2580 -.2720

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TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

08MEL7) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUDDLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.200

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2240	.0750	-.0920	.0040	.0090
.050	-.0720	-.6960	-.7560	-.6340	-.6970
.150	-.1580	-.5910	-.6930	-.6030	-.6790
.300	-.2350	-.2880	-.5280	-.5580	-.5960
.520	-.3510	-.3930	-.5060	-.5650	-.5050
.650	-.4790	-.6950	-.5790	-.6450	-.6830
.775	-.4360	-.4310	-.5840	-.5760	-.7630
.900		-.4360	-.5950	-.4950	-.6120

MACH (1) = 1.098 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2990	.3660	.2310	.3280	.1980
.050	.0500	-.5290	-.7580	-.6970	-.7010
.150	-.0730	-.2070	-.3980	-.6280	-.6510
.300	-.1620	-.2790	-.2810	-.2270	-.4950
.520	-.2510	-.3170	-.2820	-.2120	-.1990
.650	-.4570	-.6370	-.5340	-.5820	-.6070
.775	-.3990	-.3900	-.5550	-.5750	-.6180
.900		-.3950	-.5480	-.5890	-.5480

MACH (1) = 1.102 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5750	.4640	.3210	.4030	.2130
.050	.0710	-.2730	-.3760	-.2690	-.2030
.150	-.0100	-.0800	-.0480	-.0430	-.0690
.300	-.0760	-.0850	-.0700	-.0760	-.0960
.520	-.1310	-.1690	-.1520	-.1410	-.1570
.650	-.4430	-.5740	-.4560	-.5280	-.6010
.775	-.3880	-.4320	-.4480	-.5250	-.6280
.900		-.3990	-.4430	-.5370	-.5340

MACH (1) = 1.100 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2920	.4290	.3250	.2780	.0430
.050	.1140	.0680	.1640	.2010	.1580
.150	.0550	.0910	.1450	.1370	.0650
.300	.0410	.0770	.0670	.0550	-.0320
.520	-.0390	-.0950	-.0740	-.1240	-.1440
.650	-.3410	-.5300	-.5050	-.5740	-.5900
.775	-.3980	-.3600	-.4750	-.5500	-.5870
.900		-.3760	-.4330	-.5450	-.5490

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 119 Q2A + S3 + T9 RIGHT VERTICAL

(RB4017)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099	BETAT (5) = 8.250	Z/BV	.158	.316	.600	.840	.925
X/CV							
.000		.2280	.2300	.1740	.0550	-.1980	
.050		.1910	.3320	.3760	.3630	.2840	
.100		.1490	.2780	.2760	.2510	.1510	
.150		.1040	.2150	.1750	.1280	.0340	
.200		.0560	.1050	-.0410	-.0870	-.1970	
.250		-.0900	-.4780	-.3740	-.5010	-.5940	
.300		-.3900	-.2810	-.3200	-.4490	-.5210	
.350		-.775	-.3510	-.2560	-.4160	-.4600	

MACH (2) = 1.244 BETAT (1) = -8.150

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2800	.1450	.0620	.1380	.1420
.050	-.0010	-.5100	-.5700	-.0610	-.0880
.100	-.0770	-.2480	-.4770	-.0530	-.0740
.150	-.1540	-.1900	.0640	-.0720	-.0380
.200	-.2580	-.2870	.0680	.0230	.0120
.250	-.3930	-.5260	.0190	-.0410	-.0530
.300	-.775	-.3760	-.3820	.0030	-.0260
.350		-.3850	.0300	-.0200	-.0740

MACH (2) = 1.251 BETAT (2) = -4.060

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3240	.4290	.2970	.4030	.2730
.050	.1390	-.3740	-.5540	-.0260	-.0310
.100	.0270	-.1150	-.3210	.0090	.0080
.150	-.0600	-.1150	.1690	.0480	.0430
.200	-.1570	-.2130	.1460	.1410	.1440
.250	-.3780	-.5220	.0430	.0360	.0120
.300	-.775	-.3520	.0340	.0360	-.4300
.350		-.3530	.0350	.0280	-.3680

MACH (2) = 1.248 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.5940	.5380	.3820	.4330	.2560
.050	.1300	-.1420	-.2450	.0900	.1140
.100	.0880	.0150	.0030	.1830	.1810
.150	.0150	-.0200	.2070	.1790	.1680
.200	-.0620	-.0930	.1800	.1550	.1500
.250	-.3460	-.4200	.0290	.0290	-.0720
.300	-.775	-.3390	.0280	.0240	-.4470
.350		-.3350	.0270	.0170	-.3550

MACH (2) = 1.244 BETAT (4) = 4.100

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3050	.5190	.4000	.3700	.1680
.050	.1540	.5510	.2090	.2850	.2690
.100	.1140	.1380	.1940	.2610	.2320
.150	.1020	.1320	.2440	.2330	.1970

(REMARK)

AVES 11-707 IAS Q2A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (4) = 4.100

Z/BV	.158	.316	.600	.840	.925
X/CV	.520	.0190	.0020	.1910	.1720
	.650	-.2450	-.3690	.0220	.0160
	.775	-.3240	-.2830	.0310	.0160
	.900		-.2760	.0380	.0200
					-.3510

MACH (2) = 1.245 BETAT (5) = 8.200

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3360	.2960	.2820	.1790
	.050	.2450	.2870	.4320	.4380
	.150	.1710	.2920	.3490	.3440
	.300	.1800	.2700	.3210	.2730
	.520	.1590	.1050	.2270	.1850
	.650	-.2070	-.3090	.0260	.0270
	.775	-.3120	-.1710	.0460	.0330
	.900		-.2150	.0880	.0480
					-.2910

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-757 1A9 02A + S3 + T9 RIGHT VERTICAL

(PANS18) 12 APR 73

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 ZREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 4.0000 OSGNK = .5000
 RUDDER = -5.0000 ELEVON = .0000
 RUFLR = .0000

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (1) = -8.200	Z/BV X/CV	.316	.630	.843	.925	
		.000	.2810	.0440	-.1300	-.0520	-.0980
		.050	-.1080	-.7110	-.7670	-.8140	-.9350
		.150	-.1830	-.4250	-.7070	-.7330	-.8350
		.300	-.2530	-.2930	-.6760	-.6830	-.7520
		.520	-.3750	-.3730	-.6130	-.6870	-.5520
		.650	-.4740	-.6200	-.7410	-.7630	-.9270
		.775	-.4250	-.4730	-.7490	-.6300	-.7160
		.900	-.4470	-.6510	-.5070	-.5420	
MACH (1) = 1.099	BETAT (2) = -4.080	Z/BV X/CV	.316	.630	.843	.925	
		.000	.2630	.3250	.1760	.2850	.1460
		.050	.0980	-.5520	-.7620	-.8640	-.8530
		.150	-.0730	-.2090	-.4300	-.7250	-.7560
		.300	-.1740	-.2160	-.3220	-.2680	-.4850
		.520	-.2630	-.3190	-.2530	-.2420	-.2270
		.650	-.4460	-.5940	-.6150	-.6310	-.6890
		.775	-.3830	-.4180	-.6440	-.6190	-.6200
		.900	-.3860	-.5820	-.6380	-.6300	-.5700
MACH (1) = 1.098	BETAT (3) = .020	Z/BV X/CV	.316	.630	.843	.925	
		.000	.5360	.4430	.2650	.3490	.1530
		.050	.0640	-.2810	-.3630	-.2840	-.2190
		.150	-.0230	-.1020	-.0770	-.0680	-.0970
		.300	-.1010	-.0920	-.0980	-.1010	-.1250
		.520	-.1510	-.1750	-.1650	-.1680	-.1860
		.650	-.4750	-.5990	-.5950	-.6040	-.6850
		.775	-.3720	-.4410	-.5730	-.5970	-.6370
		.900	-.4110	-.5640	-.6130	-.6100	-.5600
MACH (1) = 1.100	BETAT (4) = 4.130	Z/BV X/CV	.316	.630	.843	.925	
		.000	.3230	.3890	.2810	.2230	-.0080
		.050	.0700	.0440	.1440	.1640	.1450
		.150	.0070	.0560	.1150	.1220	.0480
		.300	-.0080	.0500	.0480	.0380	-.0450
		.520	-.0620	-.0590	-.1080	-.1230	-.1670
		.650	-.3540	-.5380	-.5550	-.5320	-.6950
		.775	-.3870	-.2570	-.4830	-.5540	-.5870
		.900	-.3120	-.4450	-.5450	-.5450	-.5580

DATE 2: SEP 73

TABULATED PRESSURE DATA - IAS9

PAGE 2845

AVES 11-707 IAS 02A + S3 + T9 RIGHT VERTICAL

(GENE19)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.260

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2480	.1910	.1240	.0070
					-.2380
					-.2590
					-.2830
					-.3100
					-.2110
					-.1050
					-.5890
					-.6710
					-.5330
					-.4570

MACH (2) = 1.244 BETAT (1) = -8.140

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3070	.1430	.0120	.0730
					.0870
					-.7410
					-.6910
					-.7340
					-.5980
					-.3760
					-.6840
					-.6450
					-.5510
					-.5020

MACH (2) = 1.244 BETAT (2) = -4.060

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3000	.3820	.2570	.3740
					.2750
					-.6250
					-.4890
					-.3750
					-.0890
					-.4830
					-.4290
					-.4370
					-.3940

MACH (2) = 1.247 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.5530	.5040	.3300	.3830
					.2520
					-.2450
					.0390
					-.0230
					-.0620
					-.4790
					-.4490
					-.4010
					-.3840

MACH (2) = 1.249 BETAT (4) = 4.120

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3530	.4480	.3480	.3200
					.1090
					.2230
					.1510
					.1970
					.1360
					.1650

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(PENCE)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (4) = 4.120

Z/BV	.159	.316	.600	.840	.925
X/CV	.520	.0090	.0060	.0110	.0060
.650	-.2710	-.3710	-.3900	-.3900	-.4700
.775	-.3160	-.2840	-.3310	-.3640	-.4190
.900		-.2870	-.3110	-.3530	-.3690

MACH (2) = 1.245 BETAT (5) = 8.210

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3360	.2710	.2250	.1280
.050	.1610	.2330	.3930	.4290	.3610
.150	.1010	.2100	.3200	.3190	.2540
.300	.1020	.2550	.2350	.2210	.1590
.420	.1090	.0910	.0680	.0340	.0520
.650	-.2400	-.3180	-.3540	-.3660	-.4570
.775	-.3050	-.1930	-.2900	-.3160	-.3510
.900		-.2330	-.2090	-.2590	-.2890

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

DATE 28-93

ANES 11-757 IAS 02A + S3 + T9 RIGHT VERTICAL

(27 SEP 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 6.000 DEGREE = .500
 RUDER = -5.000 ELEVON = .100
 RUFLR = .500

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE OF

MACH (1) = 1.101 BETAT (1) = -8.180

Z/BV X/CV	.158	.316	.630	.843	.925
.000	.3010	.0340	-.1350	-.0953	-.0820
.050	-.1230	-.7080	-.7650	-.4950	-.5126
.100	-.2090	-.3870	-.7030	-.4470	-.4270
.150	-.2830	-.3440	-.4120	-.4350	-.4550
.200	-.3720	-.4280	-.3740	-.4380	-.4150
.250	-.4620	-.6050	-.4350	-.4680	-.5220
.300	-.775	-.4890	-.4380	-.4180	-.7530
.350		-.4690	-.3990	-.3870	-.6150

MACH (1) = 1.098 BETAT (2) = -4.080

Z/BV X/CV	.158	.316	.630	.843	.925
.000	.2520	.2960	.1360	.2390	.1010
.050	.0620	-.5400	-.7600	-.5550	-.5500
.100	-.0810	-.2300	-.4240	-.5160	-.5340
.150	-.1840	-.2600	-.2830	-.3150	-.3680
.200	-.2850	-.3590	-.2310	-.2750	-.2570
.250	-.4690	-.5860	-.4630	-.4780	-.5020
.300	-.775	-.3980	-.4130	-.4750	-.6450
.350		-.4220	-.4480	-.4340	-.5930

MACH (1) = 1.101 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.843	.925
.000	.5090	.4240	.2220	.3070	.1070
.050	.1340	-.3150	-.3900	-.2850	-.2510
.100	-.0450	-.1350	-.1120	-.0950	-.1220
.150	-.1260	-.1450	-.1220	-.1280	-.1520
.200	-.1770	-.2120	-.1840	-.1970	-.2110
.250	-.5140	-.6030	-.4130	-.4270	-.4570
.300	-.775	-.3820	-.4590	-.4270	-.6440
.350		-.4160	-.4050	-.4240	-.5850

MACH (1) = 1.103 BETAT (4) = 4.150

Z/BV X/CV	.158	.316	.630	.843	.925
.000	.2830	.3530	.2020	.2770	-.5570
.050	.0100	-.0170	.0930	.1370	.1340
.100	-.0440	-.0100	.0830	.0760	.2250
.150	-.0690	.0170	.0260	.0040	.0630
.200	-.1070	.1310	-.0530	-.1520	-.1720
.250	-.6120	-.9500	-.3780	-.3870	-.4850
.300	-.775	-.4140	-.3950	-.3510	-.6170
.350		-.3320	-.3320	-.3700	-.5750

[illegible]

AWES 11-757 1A9 Q2A + S3 + T9 RIGHT VERTICAL

SECTION (RIGHT VERTICAL

DEPENDENT VARIABLE OF

$$\text{MACH} (1) = 1.175 \text{ BETAT} (5) = 8.289$$

AS/Z	.158	.316	.630	.845	.925
AD/X	.2480	.1520	.0595	-.7310	-.2710
AD	.0670	.1680	.3100	.3220	.1450
.15	.0010	.1760	.2220	.2160	.1230
.30	.0620	.1430	.1230	.1150	.0570
.50	.0150	-.0340	-.0610	-.1050	-.2060
.69	-.3740	-.2950	-.4560	-.5470	-.5920
.87	-.4600	-.2950	-.3370	-.4610	-.5110
.95	-.3470	-.1010	-.2650	-.3450	-.3980

WACH (2) = 1.246 BETAT (1) = -9.125

Z/BV N/C	.158	.316	.635	.845	.925
.000	.3435	.1465	.0702	.0470	.0585
.050	.0020	-.5180	-.5960	-.5850	-.1570
.150	-.0630	-.2520	-.4990	-.5770	-.1070
.400	-.1580	-.2395	.0201	.0291	-.5530
.520	-.2580	-.3210	.0260	-.0110	.1100
.650	-.4280	-.421	.0185	-.0520	.0820
.775	-.3780	-.4507	.0280	-.0700	-.6420
.900	-.1170	.0330	-.0000	-.0000	-.5950

 $\alpha(2) = 1.25$ $\beta(2) = 4.05$ [illegible]

WACH : 2) = 1.247 BETAT (3) = .010

AD/AL	198	316	565	788	928
0.6	3515	3243	3045	2797	2633
0.65	3587	3297	3095	2837	2665
0.7	3659	3367	3165	2897	2715
0.75	3731	3437	3235	2957	2765
0.8	3803	3507	3305	3017	2815
0.85	3875	3577	3375	3077	2865
0.9	3947	3647	3445	3137	2915
0.95	4019	3717	3515	3197	2965
1.0	4091	3787	3585	3257	3015

$$\text{BETAT} (4) = 4.92$$

525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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DATE 2: SEP 73

TABULATED PRESSURE DATA - IA9A
AVES 11-707 IA9 CGA + S3 + T9 RIGHT VERTICAL

(RBR19)

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (2) = 1.245 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.630	.840	.925
.520	-.0310	-.0270	.1450	.1310	.1110
.650	-.3600	-.3800	-.0180	-.0140	-.0540
.775	-.3430	-.3570	-.0050	-.0160	-.4390
.900		-.2990	.0080	-.0100	-.3910

MACH (2) = 1.244 BETAT (5) = 8.230

Z/BV X/CV	.158	.316	.630	.840	.925
.100	.3050	.2590	.1950	.0810	-.1100
.050	.1180	.1330	.3500	.3690	.3240
.150	.0610	.1440	.2830	.2890	.2490
.300	.0430	.1930	.2620	.2340	.1930
.520	.0590	.0580	.1800	.1470	.1060
.650	-.3900	-.3350	-.0010	-.0080	-.0440
.775	-.3360	-.2600	.0260	.0060	-.3610
.900		-.2500	.0410	.0250	-.3090

AXES 11-707 1A9 C8A + S3 + T9 RIGHT VERTICAL

(RBNR2D) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0370 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
 RIDGER = -5.000 ELEVON = .000
 RIDFLR = .000

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.160

Z/SV X/CV	.158	.316	.600	.840	.925
.020	.3350	.0130	-.1990	-.1960	-.1440
.050	-.1220	-.7050	-.7860	-.8090	-.8690
.100	-.2360	-.3750	-.7330	-.7310	-.8630
.150	-.3240	-.3540	-.7070	-.7370	-.7800
.200	-.3780	-.4050	-.5490	-.7540	-.6720
.250	-.4680	-.6420	-.6970	-.7810	-.8020
.300	-.775	-.5110	-.7080	-.7040	-.7470
.350	-.4980	-.5950	-.6280	-.5950	-.5950

MACH (1) = 1.102 BETAT (2) = -4.070

Z/SV X/CV	.158	.316	.600	.840	.925
.020	.2340	.2680	.1970	.1950	.0610
.050	.0770	-.5350	-.7600	-.8650	-.8610
.100	-.0760	-.2540	-.4370	-.7240	-.7980
.150	-.1910	-.2690	-.3670	-.3350	-.3470
.200	-.2890	-.3250	-.3170	-.2850	-.2690
.250	-.4960	-.6440	-.6480	-.6270	-.6880
.300	-.3970	-.4650	-.6690	-.6310	-.6610
.350	-.4420	-.5670	-.6590	-.6590	-.6590

MACH (1) = 1.099 BETAT (3) = .120

Z/SV X/CV	.158	.316	.600	.840	.925
.020	.4950	.4070	.1850	.2570	.0590
.050	.0030	-.3020	-.3990	-.3070	-.2580
.100	-.0720	-.1550	-.1340	-.1270	-.1420
.150	-.1470	-.1460	-.1440	-.1460	-.1700
.200	-.1870	-.2060	-.2070	-.2160	-.2320
.250	-.5350	-.6180	-.6160	-.6310	-.7120
.300	-.3790	-.4690	-.5920	-.6230	-.6430
.350	-.4170	-.5910	-.6290	-.6290	-.5830

MACH (1) = 1.100 BETAT (4) = 4.160

Z/SV X/CV	.158	.316	.600	.840	.925
.020	.2700	.3220	.1960	.1330	-.1000
.050	-.0320	-.0430	.0830	.1240	.0980
.100	-.0760	-.1410	.0560	.1660	.0790
.150	-.1080	.0030	.0480	.0250	-.0660
.200	-.1240	-.1390	-.1350	-.1440	-.1810
.250	-.4590	-.5510	-.5820	-.5970	-.7150
.300	-.3940	-.3920	-.4780	-.5500	-.5920
.350	-.3740	-.3740	-.3740	-.5150	-.5470

DATE 21 SEP 73

TABULATED PRESSURE DATA - 149A

PAGE 2352

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(TEMP20)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.355

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.000	.1290	.0430	-.0960	-.3100
.050	.0190	.0840	.2840	.3040	.2330
.150	-.0380	.1390	.2080	.2010	.1080
.300	-.0610	.1350	.1320	.1010	-.0070
.520	-.0090	.0320	-.0850	-.1200	-.2110
.650	-.4520	-.4850	-.5330	-.5690	-.6760
.775	-.3880	-.2640	-.3270	-.4540	-.5040
.900		-.3580	-.2390	-.3220	-.3590

MACH (2) = 1.246 BETAT (1) = -8.110

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.000	.1270	-.0500	-.0080	.0470
.050	-.0310	-.3120	-.6110	-.6870	-.7320
.150	-.1110	-.2600	-.5050	-.6480	-.7420
.300	-.1810	-.2430	-.4930	-.5280	-.5610
.520	-.2570	-.2950	-.4140	-.5020	-.3980
.650	-.4300	-.5770	-.5490	-.5920	-.7110
.775	-.3700	-.4330	-.5570	-.5930	-.6480
.900		-.4320	-.5680	-.5950	-.6000

MACH (2) = 1.248 BETAT (2) = -4.040

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.000	.3300	.1770	.2820	.1990
.050	.1590	-.3700	-.5390	-.6260	-.6250
.150	.0280	-.1480	-.3140	-.5110	-.5160
.300	-.0800	-.1710	-.2280	-.2140	-.3350
.520	-.1820	-.2110	-.2150	-.1590	-.1310
.650	-.4480	-.5050	-.4570	-.4440	-.4920
.775	-.3470	-.3850	-.4980	-.4560	-.4830
.900		-.3910	-.4980	-.4600	-.4340

MACH (2) = 1.245 BETAT (3) = .010

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.000	.4640	.2330	.3010	.1630
.050	.0460	-.2080	-.2760	-.2270	-.1590
.150	.0210	-.1690	-.0790	-.0140	-.0140
.300	-.0630	-.0810	-.0890	-.0260	-.0420
.520	-.1210	-.1280	-.1150	-.0780	-.0900
.650	-.4850	-.4360	-.4340	-.4230	-.5020
.775	-.3430	-.4440	-.4150	-.4310	-.4770
.900		-.3800	-.4070	-.4360	-.4240

MACH (2) = 1.245 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.000	.3930	.2690	.2450	.0620
.050	.0300	.0660	.1190	.2030	.1820
.150	.0020	.0310	.1240	.1450	.1130
.300	-.0420	.0500	.0800	.1070	.0390

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

(RBM620)

AWES 11-707 1A9 Q2A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL		DEPENDENT VARIABLE CP	
MACH (2) = 1.245	BETAT (4) = 4.130	Z/BV X/CV	
		.520	.158 .316 .600 .840 .925
		.650	-.0520 -.0230 -.0330 -.0280 -.0750
		.775	-.4270 -.3850 -.4130 -.4080 -.5080
		.900	-.3420 -.3710 -.3550 -.4100 -.4590
			-.3170 -.3170 -.3800 -.4090
MACH (2) = 1.243		Z/BV X/CV	
	BETAT (5) = 7.210	.500	.158 .316 .600 .840 .925
		.650	.2680 .2770 .1970 .0940 -.0750
		.800	-.0250 .1530 .2910 .3110 .2960
		.950	.0010 .0950 .2310 .2350 .1890
		1.100	-.0220 .1530 .1580 .1740 .0850
		1.250	.0140 .0370 .0040 .0730 -.0990
		1.400	-.3820 -.3940 -.3940 -.4920
		1.550	-.2940 -.3060 -.3660 -.3980
		1.700	-.3410 -.2780 -.3120 -.3550

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBM521) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 BREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 OFBINC = .500
 RUDDER = -10.000 ELEVON = .000
 RUFLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.170

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2880	.0870	.0330	.2010	.2350
.050	-.4340	-.6390	-.7240	-.8910	-.9590
.100	-.1040	-.6550	-.6360	-.7900	-.9180
.150	-.1720	-.5670	-.5720	-.6470	-.7600
.200	-.2860	-.2650	-.5640	-.5780	-.5540
.250	-.4670	-.5070	-.6040	-.6630	-.8180
.300	-.4090	-.3590	-.5380	-.6010	-.7640
.350		-.3910	-.5500	-.6040	-.6340

MACH (1) = 1.104 BETAT (2) = -4.080

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6300	.4820	.3810	.5050	.4180
.050	-.1810	-.5090	-.6770	-.8220	-.8330
.100	.0210	-.2370	-.3940	-.6630	-.6590
.150	-.0320	-.0770	-.2190	-.5000	-.5230
.200	-.1260	-.1860	-.1960	-.1960	-.0990
.250	-.4290	-.4360	-.3890	-.3570	-.6040
.300	-.3910	-.3660	-.3860	-.3200	-.4650
.350		-.3400	-.4090	-.3990	-.3460

MACH (1) = 1.099 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7040	.6280	.5650	.6340	.4510
.050	.1690	-.1270	-.1860	-.1640	-.1390
.100	.1250	.0880	.0550	.0780	.0560
.150	.0930	.1040	.0630	.0220	.0230
.200	.0140	-.0500	-.0380	-.0150	-.0400
.250	-.3580	-.3490	-.3140	-.3340	-.6080
.300	-.3730	-.2500	-.2790	-.2740	-.4450
.350		-.2520	-.2760	-.3720	-.3130

MACH (1) = 1.101 BETAT (4) = 4.150

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5460	.5840	.5310	.4930	.2570
.050	.3750	.3560	.3660	.3630	.2930
.100	.3050	.3250	.3320	.2790	.1960
.150	.2810	.2780	.2050	.1630	.0960
.200	.1370	.0470	.0060	-.0110	-.0350
.250	-.2840	-.2980	-.2580	-.2970	-.6260
.300	-.3740	-.1470	-.1410	-.1280	-.3570
.350		-.1920	-.1150	-.2530	-.2760

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(REMARKS)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 8.300

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.0920	.3220	.3600	.2890	.0230
.050	.5770	.5880	.5580	.5280	.4390
.100	.4910	.4830	.4420	.4030	.3030
.150	.4250	.3980	.3210	.2630	.1770
.200	.2340	.1270	.0380	.0630	.0090
.250	.1760	.2320	.0230	.0290	.4830
.300	.775	.0630	.0160	.0300	.1990
.350	.920	.1670	.0470	.1920	.2150

MACH (2) = 1.245 BETAT (1) = -8.120

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3410	.2530	.1980	.3250	.3560
.050	.3190	.4290	.5250	.7010	.7480
.100	.0890	.4490	.5060	.6470	.6660
.150	.0890	.4080	.3390	.5530	.5460
.200	.1690	.1960	.3530	.4040	.4110
.250	.3620	.3560	.4350	.4550	.6650
.300	.775	.2930	.4070	.4380	.6040
.350	.920	.2890	.3900	.4610	.5070

MACH (2) = 1.252 BETAT (2) = -4.050

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.6780	.5630	.4880	.6030	.5040
.050	.1130	.3390	.5360	.5860	.5920
.100	.1130	.1580	.4030	.4510	.4530
.150	.0510	.0370	.0960	.3620	.3410
.200	.0520	.0660	.0780	.0540	.2180
.250	.3230	.3010	.2460	.1980	.4570
.300	.775	.3440	.3360	.2520	.1700
.350	.920	.2770	.2730	.2760	.2140

MACH (2) = 1.250 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.7970	.6990	.6050	.6930	.5120
.050	.2040	.0910	.1720	.1390	.0680
.100	.2150	.1480	.1460	.1660	.1590
.150	.1460	.1490	.1200	.1260	.1120
.200	.0780	.0490	.0360	.0510	.0740
.250	.2780	.2170	.1450	.1600	.4110
.300	.775	.2590	.1540	.1300	.3040
.350	.920	.1920	.1640	.2310	.1870

MACH (2) = 1.246 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5800	.6540	.6070	.5760	.3620
.050	.4410	.3720	.4060	.4250	.3860
.100	.3390	.3480	.2680	.3820	.2990
.150	.3030	.3110	.2960	.2760	.2080

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2856

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RB-321)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.630	.840	.925
.520	.2050	.1750	.1450	.1120	.0740
.650	-.1840	-.1520	-.0710	-.1240	-.4130
.775	-.2960	-.0600	-.0270	-.0360	-.2210
.900		-.1010	-.0250	-.1310	-.1660

MACH (2) = 1.247 BETAT (5) = 8.260

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.1930	.4570	.4790	.4020	.1650
.050	.5640	.6180	.6240	.6070	.5350
.150	.4860	.5330	.5220	.4980	.4040
.300	.4630	.4700	.4150	.3710	.2840
.520	.3260	.2750	.1800	.1600	.0700
.650	-.0750	-.0850	.0130	-.0120	-.3560
.775	-.2720	.0530	.1360	.1530	-.0420
.900		-.0350	.0640	-.0400	-.0750

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2857

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(R0422) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
 RUDDER = -10.000 ELEVON = .500
 RUFLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -0.190

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.2630	.0890	.0190	.1680
	.050	-.2710	-.6470	-.7250	-.8760
	.150	-.1240	-.6620	-.6460	-.7780
	.300	-.1940	-.4780	-.5810	-.6450
	.520	-.2950	-.2890	-.5650	-.5830
	.650	-.4620	-.5290	-.6060	-.6690
	.775	-.4030	-.3450	-.5700	-.5980
	.900	-.3950	-.5550	-.6000	-.6470

MACH (1) = 1.097 BETAT (2) = -4.080

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6170	.4640	.3520	.4700
	.050	-.0880	-.5370	-.7080	-.8350
	.150	-.1070	-.2380	-.3860	-.6760
	.300	-.1580	-.1000	-.2310	-.4760
	.520	-.1590	-.2160	-.2300	-.1230
	.650	-.4330	-.4650	-.4000	-.3780
	.775	-.3840	-.3670	-.4080	-.3400
	.900	-.3450	-.4250	-.4200	-.3680

MACH (1) = 1.098 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6940	.5910	.5190	.6000
	.050	.1510	-.1650	-.2200	-.1570
	.150	.0870	.0560	.0790	.0590
	.300	.0550	.0680	.0420	.0090
	.520	-.0120	-.0710	-.0560	-.0380
	.650	-.3740	-.3660	-.3310	-.3520
	.775	-.3760	-.2680	-.2940	-.2910
	.900	-.3760	-.2670	-.2880	-.3400

MACH (1) = 1.100 BETAT (4) = 4.140

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.5360	.5540	.4850	.4400
	.050	.3250	.3010	.3270	.3290
	.150	.2560	.2790	.2690	.2500
	.300	.2370	.2470	.1810	.1400
	.520	.1090	.0240	-.0400	-.0550
	.650	-.3000	-.3120	-.2750	-.3120
	.775	-.3810	-.2700	-.1610	-.1500
	.900	-.2120	-.1330	-.2680	-.3070

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AWES 11-757 1A9 02A + S3 + T9 RIGHT VERTICAL

(RE-422)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099	BETAT (5) = 8.280	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.1010	.3090	.3250	.2450	-.0190
		.050	.4970	.5400	.5220	.4940	.4080
		.100	.4240	.4440	.4090	.3720	.2730
		.150	.3770	.3640	.2940	.2370	.1410
		.200	.2030	.1150	.0180	.0140	-.0210
		.250	.1950	.2480	-.0520	-.0390	-.4880
		.300	.775	-.3570	-.0800	.0170	-.2210
		.350		-.1820	-.0650	-.2070	-.2450

MACH (2) = 1.247 BETAT (1) = -8.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3030	.2380	.1760	.2940	.3100
.050	-.2130	-.4430	-.5330	-.7110	-.7550
.100	-.0670	-.4560	-.5480	-.6310	-.6770
.150	-.1130	-.3970	-.3550	-.5630	-.5590
.200	-.1910	-.1740	-.3580	-.4160	-.4230
.250	-.3660	-.3730	-.4430	-.4550	-.6700
.300	.775	-.3440	-.2760	-.4320	-.6170
.350		-.2950	-.3970	-.4860	-.5270

MACH (2) = 1.247 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6090	.5380	.4500	.5610	.4590
.050	-.0130	-.3510	-.5420	-.5970	-.6040
.100	.0980	-.1660	-.3730	-.4530	-.4690
.150	.0250	-.0230	-.1150	-.3670	-.3550
.200	-.0790	-.0820	-.0970	-.0540	-.1220
.250	-.3220	-.3260	-.2640	-.2160	-.4520
.300	.775	-.3390	-.2700	-.1990	-.3280
.350		-.2760	-.2870	-.2950	-.2170

MACH (2) = 1.250 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7820	.6680	.5580	.6360	.4640
.050	.1970	-.0500	-.1840	-.1450	-.0730
.100	.1930	.1240	.1210	.1430	.1400
.150	.1220	.1220	.0520	.1090	.0930
.200	.0450	.0290	.0130	.0610	.0540
.250	-.2850	-.2300	-.1630	-.1720	-.4190
.300	.775	-.3320	-.2350	-.1680	-.3160
.350		-.2010	-.1760	-.2430	-.2130

MACH (2) = 1.250 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3200	.6270	.5690	.5320	.3220
.050	.4590	.3260	.3770	.4090	.3670
.100	.3110	.3110	.3430	.3450	.2220
.150	.2570	.2310	.2770	.2550	.1930

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(FEM722)

AVES 11-707 1A9 CCA + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = 1.250	BETAT (4) = 4.120	Z/BV	X/CV	.158	.316	.600	.840	.925
		.520	.1700	.1370	.1040	.0660		
		.650	-.1850	-.1610	-.1290	-.4150		
		.775	-.2960	-.0830	-.0490	-.2350		
		.900		-.1120	-.0370	-.1330	-.1650	
MACH (2) = 1.249	BETAT (5) = 8.230	Z/BV	X/CV	.158	.316	.600	.840	.925
		.500	.1570	.4390	.4450	.3640	.1210	
		.650	.4940	.5730	.5960	.5810	.5170	
		.800	.4200	.4970	.4960	.4730	.3790	
		.950	.4100	.4360	.3970	.3530	.2640	
		.520	.2980	.2540	.1650	.1450	.0920	
		.650	-.0900	-.0930	-.0060	-.1350	-.3690	
		.775	-.2640	.0350	.1170	.1340	-.1330	
		.900		-.0390	.0700	.0470	-.0920	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(REMER23) (27 APR 73)

REFERENCE DATA

SPBP = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 BRBP = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.500 OFS:VC = .500
 RUDDER = -10.000 ELEVON = .000
 RUFLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.200

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3020	.5910	-.5150	.1280	.1466
.050	-.2590	-.6620	-.7360	-.8660	-.9620
.100	-.1340	-.6740	-.6640	-.7770	-.9240
.150	-.2090	-.3460	-.6030	-.6370	-.7510
.200	-.3170	-.3240	-.5760	-.5990	-.5340
.250	-.4480	-.5450	-.6190	-.6700	-.8340
.300	-.775	-.4050	-.3480	-.5890	-.7910
.350		-.3890	-.5590	-.5910	-.6380

MACH (1) = 1.097 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5760	.4440	.3220	.4320	.3240
.050	-.5020	-.5440	-.7400	-.8330	-.8430
.100	-.0230	-.2410	-.3710	-.6780	-.6770
.150	-.0980	-.1180	-.2420	-.4450	-.5360
.200	-.1830	-.2380	-.2190	-.3300	-.2250
.250	-.4390	-.4890	-.4130	-.3940	-.6230
.300	-.775	-.3650	-.3530	-.4240	-.3950
.350		-.3550	-.4340	-.4340	-.3920

MACH (1) = 1.101 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.6830	.5540	.4830	.5590	.3710
.050	.1360	-.1880	-.2810	-.1900	-.1340
.100	.0700	.0170	.0430	.0390	.0220
.150	.0210	.0320	.0190	-.0070	-.0220
.200	-.0370	.0920	-.0710	-.0520	-.0760
.250	-.3930	-.3730	-.3330	-.3600	-.6020
.300	-.775	-.3800	-.2790	-.2930	-.4650
.350		-.2740	-.2960	-.3930	-.3610

MACH (1) = 1.102 BETAT (4) = 4.140

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5110	.5270	.4490	.4010	.650
.050	.2880	.2380	.2870	.2990	.2390
.100	.2060	.2380	.2350	.2260	.1420
.150	.1920	.2040	.1510	.1190	.0460
.200	.0740	.0000	-.0270	-.0500	-.0760
.250	-.3200	-.3270	-.2990	-.3380	-.6430
.300	-.775	-.3860	-.1960	-.1770	-.3990
.350		-.2300	-.1510	-.2640	-.3410

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(30623)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE QP

MACH (1) = 1.098 BETAT (5) = 0.260

Z/BV Y/CV	.158	.316	.633	.843	.925
.000	.1440	.2820	.2835	.2020	-.0530
.050	.4210	.4890	.4610	.4610	.3740
.100	.3610	.3990	.3730	.3400	.2380
.150	.3250	.3280	.2630	.2070	.1110
.200	.2720	.2860	.2040	.0190	-.0680
.250	.2170	.2700	.1260	-.0440	-.4850
.300	.1640	.2100	.0260	.0410	-.2480
.350	.1090	.1590	.0310	.2270	-.2700

MACH (2) = 1.248 BETAT (1) = -0.150

Z/BV Y/CV	.158	.316	.633	.843	.925
.000	.2580	.2320	.1490	.2670	.2670
.050	-.0680	-.4420	-.5350	-.7010	-.7470
.100	-.0560	-.4500	-.4880	-.6820	-.6830
.150	-.1020	-.3210	-.3520	-.5480	-.5530
.200	-.2420	-.1830	-.3570	-.3980	-.4230
.250	-.3730	-.3910	-.4450	-.4320	-.5590
.300	-.3600	-.2750	-.4070	-.4280	-.6140
.350		-.3050	-.3980	-.4650	-.5770

MACH (2) = 1.249 BETAT (2) = -4.060

Z/BV Y/CV	.158	.316	.633	.843	.925
.000	.5170	.5140	.4160	.5160	.4120
.050	.3360	-.3470	-.5390	-.5980	-.6040
.100	.0930	-.1640	-.3410	-.4680	-.4720
.150	.0110	-.0220	-.1220	-.3630	-.3550
.200	-.1190	-.1160	-.1140	-.0680	-.0770
.250	-.3360	-.3560	-.2750	-.2120	-.4520
.300	-.3450	-.2610	-.2890	-.2150	-.3350
.350		-.2780	-.3040	-.3050	-.2500

MACH (2) = 1.248 BETAT (3) = .010

Z/BV Y/CV	.158	.316	.633	.843	.925
.000	.7650	.6290	.5170	.6200	.4100
.050	.1890	-.0720	-.1900	-.2480	-.0310
.100	.1700	.0950	.0970	.1130	.0570
.150	.0340	.0910	.0740	.0500	.0580
.200	.0210	.0060	-.0050	.0370	.0270
.250	-.3190	-.2470	-.1750	-.1380	-.4250
.300	-.3340	-.2650	-.1870	-.1670	-.3290
.350		-.2130	-.1930	-.2530	-.2710

MACH (2) = 1.247 BETAT (4) = 4.120

Z/BV Y/CV	.158	.316	.633	.843	.925
.000	.4660	.5940	.5240	.4820	.2700
.050	.3840	.2730	.3350	.3430	.3350
.100	.2680	.2720	.3160	.3160	.2510
.150	.2250	.2550	.2430	.2350	.1630

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

204231

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.120

Z/BV	.158	.316	.600	.840	.925
X/CV	.1440	.1310	.1000	.0860	.0640
.520					
.650	-.2030	-.1790	-.1950	-.1490	-.4310
.775	-.2980	-.1090	-.0630	-.0790	-.2570
.900		-.1280	-.0630	-.1490	-.2120

MACH (2) = 1.246 BETAT (5) = 8.210

Z/BV	.159	.316	.600	.840	.925
X/CV	.1520	.4130	.4050	.3180	.0740
.000					
.090	.4370	.5170	.5570	.5490	.4770
.150	.3550	.4510	.4820	.4400	.3520
.300	.3600	.3970	.3500	.3250	.2370
.520	.2640	.2250	.1420	.1240	.0310
.650	-.1040	-.1110	-.0290	-.0680	-.3930
.775	-.2700	.0100	.0340	.1000	-.0920
.900		-.0580	.0490	-.0610	-.1160

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RENEZ4) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 OPTINC = .500
 RUDDER = -10.000 ELEVON = .000
 REFLEX = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.200

Z/BV X/CV	.158	.316	.632	.840	.925
.000	.3380	.0880	-.0400	.0950	.0940
.050	-.1540	-.6830	-.7530	-.8570	-.9570
.100	-.1520	-.6770	-.6890	-.7790	-.9310
.150	-.2290	-.1790	-.6160	-.7230	-.7230
.200	-.3290	-.3600	-.5870	-.6010	-.5120
.250	-.4610	-.5500	-.6450	-.6540	-.8650
.300	-.4160	-.3940	-.6020	-.5870	-.7730
.350	-.3960	-.3740	-.5850	-.5850	-.6680

MACH (1) = 1.098 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.632	.840	.925
.000	.4710	.4160	.2810	.4010	.2820
.050	.0270	-.5460	-.7530	-.8410	-.8430
.100	-.0430	-.2390	-.3830	-.6850	-.6870
.150	-.1310	-.1410	-.2550	-.3570	-.5190
.200	-.2080	-.2610	-.2410	-.1730	-.1540
.250	-.4820	-.5010	-.4270	-.4160	-.6320
.300	-.3650	-.3450	-.4430	-.3670	-.5130
.350		-.3570	-.4140	-.4590	-.4190

MACH (1) = 1.098 BETAT (3) = .000

Z/BV X/CV	.158	.316	.632	.840	.925
.000	.6530	.5130	.4190	.4180	.3170
.050	.1240	-.2500	-.2830	-.3040	-.1520
.100	.0620	-.0110	.0160	.1170	-.0190
.150	-.0130	.0000	.0110	.0280	-.0530
.200	-.0750	-.1210	-.0590	.0530	-.1050
.250	-.4760	-.3980	-.3530	-.3810	-.6490
.300	-.3770	-.2870	-.3180	-.3260	-.6850
.350		-.2860	-.3120	-.4150	-.3990

MACH (1) = 1.097 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.632	.840	.925
.000	.4120	.4340	.4060	.3650	.1190
.050	.2410	.1890	.2490	.2640	.2110
.100	.1560	.1930	.2040	.1940	.1130
.150	.2470	.1690	.1230	.0550	.0200
.200	.0390	-.0210	-.0470	-.1170	-.1090
.250	-.3110	-.3430	-.3020	-.3470	-.6540
.300	-.3940	-.2120	-.2170	-.2120	-.6200
.350		-.2470	-.1680	-.2850	-.3590

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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(RBM24)

AMES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (5) = 8.250

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2110	.2640	.2950	.1510	-.1120	
.050	.3440	.4290	.4440	.4280	.3450	
.150	.2930	.3540	.3390	.3110	.2100	
.300	.2780	.2910	.2300	.1840	.0860	
.520	.1380	.0620	-.1250	-.1030	-.1190	
.650	-.2480	-.2880	-.1550	-.0500	-.5000	
.775	-.3730	-.1260	-.0460	-.0370	-.2650	
.900		-.2150	-.1070	-.2330	-.2830	

MACH (2) = 1.246 BETAT (1) = -8.150

Z/BV	X/CV	.158	.316	.600	.840	.925
.100	.3920	.2210	.1260	.2360	.2300	
.050	-.2130	-.4710	-.5520	-.7170	-.7600	
.150	-.0230	-.4770	-.4990	-.6610	-.6930	
.300	-.0990	-.1880	-.3660	-.5740	-.5720	
.520	-.1950	-.1910	-.3450	-.4070	-.4410	
.650	-.3820	-.4170	-.4400	-.4730	-.6660	
.775	-.3530	-.2870	-.4070	-.4230	-.6280	
.900		-.3030	-.3970	-.4600	-.5050	

MACH (2) = 1.249 BETAT (2) = -4.070

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.4150	.4890	.3740	.4810	.3660	
.050	.1430	-.3690	-.5480	-.6070	-.6150	
.150	.0570	-.1550	-.3550	-.4790	-.4840	
.300	-.0280	-.0440	-.1450	-.3700	-.3700	
.520	-.1220	-.1410	-.1390	-.0750	-.0830	
.650	-.3640	-.3780	-.2940	-.2330	-.4490	
.775	-.3590	-.2880	-.3080	-.2280	-.3410	
.900		-.2910	-.3220	-.2910	-.2470	

MACH (2) = 1.249 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.7290	.5990	.4750	.5310	.3570	
.050	.1720	-.0860	-.2060	-.1750	-.0910	
.150	.1450	.0690	.0660	.0850	.0800	
.300	.0710	.0650	.0440	.0500	.0440	
.520	-.0070	-.0170	-.0280	.0110	.0370	
.650	-.3330	-.2630	-.1920	-.2120	-.4370	
.775	-.3290	-.2850	-.2030	-.1900	-.3450	
.900		-.2200	-.2090	-.2660	-.2660	

MACH (2) = 1.249 BETAT (4) = 4.110

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3820	.5670	.4800	.4400	.2280	
.050	.3080	.2380	.2980	.3330	.3030	
.150	.2290	.2270	.2740	.2780	.2220	
.300	.1830	.2240	.2140	.2110	.1360	

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RSV224)

AMES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (2) = 1.249 BETAT (4) = 4.110

Z/SV	.158	.316	.600	.840	.925
X/CV	.1100	.1010	.0780	.0650	.0250
	.520	-.2420	-.1940	-.1240	-.1680
	.650	-.3010	-.1410	-.1060	-.2660
	.775	-.1410	-.0940	-.1620	-.2370
	.900				

MACH (2) = 1.248 BETAT (5) = 8.200

Z/SV	.158	.316	.600	.840	.925
X/CV	.2170	.3730	.3630	.2700	.0340
	.090	.3910	.4540	.5170	.4510
	.150	.2960	.4020	.4270	.3260
	.300	.3120	.3550	.3030	.2150
	.520	.2300	.1990	.1280	.1560
	.650	-.1490	-.1280	-.0780	-.3990
	.775	-.2880	-.0120	.0570	-.1150
	.900		-.0770	.0320	-.0640

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A0A

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AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBV25) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 98.FT. XCRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YCRP = .5000 INCHES
 PRFP = 39.8490 INCHES ZCRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
 RUDDER = -10.000 ELEVON = .500
 RUFLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -8.200

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2680	.0750	-.0790	.0280	.0450
.050	-.0680	-.6860	-.7620	-.8400	-.9680
.100	-.1920	-.6720	-.6970	-.7710	-.9150
.150	-.2370	-.2270	-.6-70	-.6370	-.6970
.200	-.3550	-.3770	-.5950	-.6180	-.5520
.250	-.4380	-.5330	-.6580	-.6450	-.8840
.300	-.775	-.4260	-.3650	-.6130	-.5920
.350	.920	-.3990	-.5650	-.5530	-.6330

MACH (1) = 1.095 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.600	.840	.925
.020	.3930	.3920	.2520	.3580	.2860
.050	.0240	-.5450	-.7620	-.8530	-.8540
.100	-.0570	-.2320	-.3950	-.6990	-.7070
.150	-.1540	-.1670	-.2750	-.2870	-.5230
.200	-.2410	-.2930	-.2740	-.1780	-.1750
.250	-.4710	-.5100	-.4430	-.4390	-.6570
.300	-.3740	-.3280	-.1650	-.3890	-.5330
.350		-.3710	-.4280	-.4820	-.4460

MACH (1) = 1.099 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6320	.5080	.3790	.4650	.2720
.050	.1070	-.2290	-.3270	-.2270	-.1620
.100	.0240	-.0390	-.0110	-.0290	-.0400
.150	-.0410	-.0270	-.0300	-.0470	-.0710
.200	-.1030	-.1360	-.1180	-.1030	-.1270
.250	-.4150	-.4120	-.3630	-.3960	-.6580
.300	-.775	-.3730	-.2950	-.3350	-.5010
.350	.920	-.2950	-.3230	-.4250	-.4160

MACH (1) = 1.100 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3210	.4620	.3720	.3150	.0770
.050	.1870	.1450	.2250	.2430	.1930
.100	.1170	.1680	.1850	.1740	.1970
.150	.1040	.1470	.1540	.1810	.1720
.200	.0050	-.0420	-.0610	-.1840	-.1160
.250	-.3280	-.3550	-.3080	-.2500	-.6720
.300	-.775	-.3920	-.2210	-.2150	-.4350
.350	.920	-.2580	-.1510	-.3120	-.3580

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2857

AVES 11-707 1A9 Q2A + S3 + T9 RIGHT VERTICAL

(REMARKS)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.596 BETAT (5) = 0.260

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2070	.2330	.1920	.1940	-.1660
.050	.2780	.3850	.4140	.3980	.3190
.100	.2270	.3120	.2810	.1830	.1830
.150	.2470	.2620	.2040	.1640	.0600
.200	.1210	.0460	-.0460	-.0590	-.1400
.250	-.2660	-.3030	-.1650	-.0870	-.5000
.300	.775	-.3780	-.1450	-.0580	-.2820
.350		-.2300	-.1250	-.2440	-.3020

MACH (2) = 1.246 BETAT (1) = -0.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3230	.2650	.0770	.1710	.1740
.050	-.0910	-.4990	-.5700	-.7150	-.7520
.100	-.0530	-.4780	-.5100	-.6790	-.7080
.150	-.1380	-.1360	-.3980	-.5600	-.5970
.200	-.2270	-.2420	-.3730	-.4120	-.4650
.250	-.3950	-.4420	-.4580	-.4980	-.6680
.300	-.775	-.3530	-.4350	-.4400	-.6310
.350		-.3210	-.4190	-.4740	-.5040

MACH (2) = 1.246 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3610	.4490	.3290	.4460	.3330
.050	.1310	-.3880	-.5600	-.6370	-.6250
.100	.0290	-.1750	-.3510	-.4950	-.4970
.150	-.0530	-.0630	-.1840	-.3840	-.3870
.200	-.1240	-.1690	-.1560	-.0790	-.0790
.250	-.3830	-.3990	-.2890	-.2540	-.4680
.300	-.775	-.3650	-.3050	-.2410	-.3820
.350		-.3060	-.3130	-.3170	-.2750

MACH (2) = 1.249 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6650	.5750	.4330	.4990	.3130
.050	.1560	-.1190	-.2270	-.2000	-.1220
.100	.1210	.0450	.0350	.0570	.0520
.150	.0490	.0890	.0170	.0320	.0210
.200	-.0360	-.0420	-.0510	-.0130	-.0150
.250	-.3280	-.2810	-.2040	-.2150	-.4480
.300	-.775	-.3360	-.3010	-.2200	-.3520
.350		-.2320	-.2280	-.2770	-.2840

MACH (2) = 1.251 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3510	.5390	.4440	.4040	.1990
.050	.2410	.2050	.2700	.3070	.2770
.100	.1840	.1050	.2470	.2520	.2010
.150	.2430	.1990	.1830	.1390	.1190

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(FBNR25)

AMES 11-757 1A9 OFA + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEFENDENT VARIABLE CP

MACH (2) = 1.251	BETAT (4) = 4.110	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.520	.0790	.0760	.0560	.0520	.0120
		.650	-.2530	-.2090	-.1450	-.1770	-.4530
		.775	-.3060	-.1990	-.1090	-.1290	-.2740
		.900		-.1540	-.1090	-.1670	-.2510

MACH (2) = 1.248	BETAT (5) = 8.200	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.1400	.3440	.3800	.2330	-.1010
		.050	.3470	.3890	.4820	.4860	.4250
		.150	.2460	.3550	.3940	.3850	.3020
		.300	.2640	.3250	.3050	.2800	.1930
		.520	.1990	.1710	.1110	.0890	-.0060
		.650	-.1740	-.1430	-.0630	-.0980	-.4100
		.775	-.2980	-.1020	.0290	.0320	-.1280
		.900		-.0940	.0160	-.0710	-.1500

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2869

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBM526) (27 APR 73)

REFERENCE DATA

SRP = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = 0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORSINC = .500
 RIDDER = -10.000 ELEVON = .000
 RUOFLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.210

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2180	.0440	-.1120	-.0240	-.1070
.050	-.0880	-.7110	-.7690	-.8270	-.9260
.100	-.1710	-.6200	-.7090	-.7570	-.9070
.150	-.2470	-.2660	-.6650	-.6580	-.6940
.200	-.3570	-.3930	-.6080	-.6280	-.5320
.250	-.4910	-.5200	-.6640	-.6540	-.8940
.300	-.775	-.4260	-.3750	-.5780	-.7450
.350		-.4120	-.5660	-.5320	-.6010

MACH (1) = 1.099 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2890	.3500	.2050	.3130	.1870
.050	.0480	-.5510	-.7670	-.8640	-.8600
.100	-.0730	-.2160	-.4190	-.7160	-.7260
.150	-.1690	-.1910	-.3060	-.2710	-.5450
.200	-.2630	-.3200	-.2980	-.2180	-.2030
.250	-.4680	-.4780	-.4350	-.4550	-.6720
.300	-.3880	-.3340	-.4740	-.4070	-.5410
.350		-.3770	-.4140	-.4960	-.4680

MACH (1) = 1.100 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5750	.4660	.3190	.3990	.2130
.050	.0960	-.2670	-.3850	-.2670	-.1930
.100	.0030	-.0770	-.0510	-.0410	-.0690
.150	-.0770	-.0600	-.0720	-.0780	-.0950
.200	-.1310	-.1600	-.1490	-.1280	-.1480
.250	-.4440	-.4330	-.3680	-.4070	-.6650
.300	-.3680	-.3220	-.3140	-.3580	-.5140
.350		-.3070	-.3400	-.4310	-.4340

MACH (1) = 1.101 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3040	.4230	.3290	.2690	.0550
.050	.1160	.0780	.1840	.2110	.1580
.100	.0570	.0060	.1500	.1350	.0650
.150	.0440	.1130	.1710	.0550	-.0310
.200	-.0300	-.0620	-.1940	-.1070	-.1420
.250	-.3380	-.3730	-.3250	-.3790	-.6840
.300	-.3730	-.2330	-.2470	-.2490	-.4540
.350		-.2720	-.2100	-.3120	-.4030

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

(ITEM 225)

ANES 11-707 IAS 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.098	BETAT (5) = 8.260	Z/BV	X/CV	.158	.316	.600	.840	.925
		.000	.2170	.2110	.1570	.0570	.0570	-.2020
		.050	.1880	.3290	.3740	.3590	.2830	.2830
		.100	.1420	.2780	.2770	.2460	.1540	.1540
		.150	.1890	.2250	.1730	.1350	.0330	.0330
		.200	.0840	.0240	-.0680	-.0850	-.1750	-.1750
		.250	-.2960	-.3170	-.1960	-.1140	-.5150	-.5150
		.300	-.3840	-.1650	-.0950	-.1050	-.2990	-.2990
		.350		-.2470	-.1450	-.2530	-.3090	-.3090

MACH (2) = 1.247 BETAT (1) = -8.160

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2720	.1320	.0420	.1180	.1300	
.050	-.0290	-.5200	-.5740	-.6850	-.7380	
.100	-.0880	-.3040	-.4800	-.6500	-.7280	
.150	-.1620	-.1690	-.4270	-.4910	-.5950	
.200	-.2650	-.2730	-.4160	-.4340	-.4700	
.250	-.3850	-.4390	-.4610	-.4290	-.6510	
.300	-.775	-.3290	-.4670	-.4450	-.5940	
.350		-.3420	-.4430	-.4820	-.5270	

MACH (2) = 1.250 BETAT (2) = -4.070

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2920	.4250	.2880	.4000	.2870	
.050	.1430	-.3840	-.5540	-.6260	-.6250	
.100	.0330	-.1210	-.3250	-.5070	-.4940	
.150	-.0630	-.0990	-.1990	-.3810	-.3830	
.200	-.1680	-.1950	-.1950	-.0910	-.0840	
.250	-.3780	-.4080	-.3250	-.2720	-.4550	
.300	-.775	-.3460	-.2840	-.3190	-.3520	
.350		-.3100	-.3190	-.3210	-.2920	

MACH (2) = 1.248 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.5970	.5410	.3770	.4310	.2580	
.050	.1310	-.1400	-.2470	-.2190	-.1340	
.100	.0860	.0180	.0330	.0270	.0250	
.150	.0460	.0750	-.1140	.0470	-.0080	
.200	-.1610	-.0680	.0760	-.0370	-.1440	
.250	-.3130	-.3000	-.2220	-.2340	-.4670	
.300	-.775	-.3350	-.2370	-.2310	-.3410	
.350		-.2480	-.2460	-.2860	-.2930	

MACH (2) = 1.246 BETAT (4) = 4.100

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2980	.5010	.3950	.3710	.1540	
.050	.1630	.1620	.2220	.2710	.2470	
.100	.1230	.1470	.2150	.2250	.1740	
.150	.0910	.1150	.1160	.1160	.0940	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2571

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(R25626)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

WACH (2) = 1.246 BETAT (4) = 4.100

Z/8V X/CV	.158	.316	.600	.840	.925
.520	.0310	.0380	.0320	.0340	-.0650
.650	-.2370	-.2340	-.1600	-.1910	-.4560
.775	-.3160	-.1680	-.1250	-.1590	-.2820
.900		-.1730	-.1220	-.1740	-.2510

WACH (2) = 1.247 BETAT (5) = 8.200

Z/8V X/CV	.158	.316	.600	.840	.925
.000	.3130	.2820	.2740	.1730	-.0540
.150	.2490	.2880	.4370	.4410	.3650
.150	.1710	.2950	.3360	.3440	.2840
.300	.1780	.2860	.2640	.2430	.1590
.520	.1620	.1430	.0780	.0560	-.0430
.650	-.2170	-.1680	-.1840	-.1050	-.4200
.775	-.3220	-.0940	-.0060	-.0210	-.1570
.900		-.1120	-.0150	-.0880	-.1600

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 Q2A + S3 + T9 RIGHT VERTICAL (REV627) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 ORBINC = .500
RUDDER = -10.000 ELEVON = .000
RUFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (1) = 1.097	BETAT (1) = -8.200	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.2480	.0410	-.1300	-.0610	-.0450
		.050	-.1050	-.7180	-.7720	-.8180	-.9020
		.100	-.1850	-.4080	-.7190	-.7370	-.8280
		.150	-.2560	-.2940	-.6760	-.6990	-.6930
		.200	-.3570	-.4050	-.5980	-.6370	-.5970
		.250	-.4840	-.5060	-.6880	-.6800	-.8940
		.300	-.6220	-.3930	-.6180	-.5710	-.7440
		.350	-.8250	-.4250	-.5290	-.5190	-.5750

MACH (1) = 1.099 BETAT (2) = -4.090

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2580	.3230	.1750	.2800	.1410
.050	.0540	-.2580	-.7640	-.8640	-.8540
.100	-.0770	-.2110	-.4230	-.7190	-.7530
.150	-.1700	-.2130	-.2810	-.2810	-.5050
.200	-.2680	-.3350	-.3110	-.2280	-.2270
.250	-.4550	-.4520	-.4670	-.4680	-.6740
.300	-.7750	-.3670	-.4770	-.4210	-.5570
.350	-.9000	-.3790	-.4080	-.5150	-.4940

MACH (1) = 1.100 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.5380	.4370	.2770	.3510	.1580
.050	.0560	-.2860	-.3740	-.2880	-.2210
.100	-.0210	-.1010	-.0790	-.0690	-.0980
.150	-.1020	-.0880	-.0680	-.0720	-.1330
.200	-.1520	-.1870	-.1540	-.1540	-.1750
.250	-.4820	-.4560	-.3910	-.4230	-.6810
.300	-.7750	-.3480	-.3780	-.3340	-.5320
.350	-.9000	-.3910	-.3620	-.4460	-.4580

MACH (1) = 1.099 BETAT (4) = 4.140

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3230	.3780	.2850	.2180	-.0430
.050	.0600	.0510	.1410	.1720	.1330
.100	.0120	.0410	.1810	.1160	.0930
.150	-.0200	.0170	.1450	.1110	-.0550
.200	-.0570	-.0100	.1160	-.0270	-.1330
.250	-.0810	-.0360	.0710	-.0710	-.1680
.300	-.1140	-.0810	.0110	-.0710	-.2710
.350	-.1510	-.1340	-.0110	-.0710	-.4150

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

AVES 11-707 IAS O2A + S3 + T9 RIGHT VERTICAL

FEV0271

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (5) = 8.260

Z/BV X/CV	.158	.316	.603	.840	.925
.000	.2500	.1870	.1280	.0090	-.2340
.050	.1150	.2610	.3440	.3250	.2540
.100	.0650	.2330	.2500	.2180	.1260
.150	.0290	.1950	.1430	.1070	.0430
.200	.0040	.0960	-.0840	-.1030	-.0950
.250	-.0230	-.3330	-.2160	-.1530	-.5290
.300	-.0970	-.1840	-.1170	-.1410	-.3150
.350	-.2610	-.1620	-.2610	-.3220	-.3220

MACH (2) = 1.249 BETAT (1) = -8.150

Z/BV X/CV	.158	.316	.603	.840	.925
.000	.3030	.1410	.0170	.0740	.0380
.050	-.0040	-.5300	-.5810	-.6860	-.7400
.100	-.0740	-.2630	-.4380	-.6550	-.7310
.150	-.1190	-.1950	-.4330	-.4990	-.6320
.200	-.2670	-.2290	-.4220	-.4340	-.3760
.250	-.4030	-.4250	-.4850	-.4850	-.6540
.300	-.3590	-.3350	-.4750	-.4480	-.5910
.350	-.3570	-.4430	-.4730	-.5440	-.5440

MACH (2) = 1.247 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.603	.840	.925
.000	.2950	.3860	.2510	.3700	.2450
.050	.1340	-.3970	-.5620	-.6250	-.6320
.100	.0240	-.0090	-.3290	-.5020	-.5710
.150	-.0310	-.1190	-.2210	-.3380	-.3780
.200	-.1820	-.2260	-.1520	-.0390	-.0750
.250	-.3750	-.4050	-.3140	-.2920	-.4480
.300	-.3460	-.2920	-.3390	-.2650	-.3710
.350	-.3110	-.3290	-.3290	-.3210	-.3190

MACH (2) = 1.249 BETAT (3) = .020

Z/BV X/CV	.158	.316	.603	.840	.925
.000	.5430	.5050	.3240	.3930	.2120
.050	.1070	-.1580	-.2890	-.2350	-.1530
.100	.0620	-.0110	-.0280	-.0010	.0070
.150	-.0140	-.0280	-.0420	-.0140	-.0200
.200	-.0780	-.1490	-.1920	-.1610	-.0510
.250	-.4110	-.3180	-.2450	-.2550	-.4620
.300	-.3350	-.3350	-.2660	-.2540	-.3750
.350	-.2670	-.2670	-.2660	-.2310	-.3150

MACH (2) = 1.251 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.603	.840	.925
.000	.2530	.4530	.3510	.3230	.1140
.050	.0490	.1310	.1110	.2470	.2210
.100	.0770	.1040	.1320	.1980	.1460
.150	.0420	.1280	.1220	.1710	.1590

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2574

AVES 11-707 1A9 Q&A + S3 + T9 RIGHT VERTICAL

REVERSE

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.252 BETAT (4) = 4.110

Z/BV	.158	.316	.603	.840	.925
Y/CV					
.525	.0080	.0220	.0060	.0080	-.0310
.650	-.2770	-.2400	-.1780	-.2090	-.4730
.775	-.3260	-.1940	-.1480	-.1910	-.3090
.900		-.1840	-.1520	-.1890	-.2760

MACH (2) = 1.246 BETAT (5) = 8.210

Z/BV	.158	.316	.603	.840	.925
Y/CV					
.050	.3240	.2780	.2000	.1300	-.0780
.050	.1650	.2350	.3940	.4050	.3550
.150	.1040	.2080	.3210	.3130	.2250
.300	.1040	.2510	.2330	.2160	.1330
.525	.1110	.1160	.0580	.0360	-.0560
.650	-.2440	-.1810	-.1080	-.1250	-.4300
.775	-.3260	-.0980	-.0460	-.0720	-.1650
.900		-.1270	-.0360	-.0950	-.1710

1945

[illegible]

ALPHA =	0.0000	0.0000
BETA =	0.0000	0.0000
DELTA =	0.0000	0.0000
EPSI =	0.0000	0.0000

MEETING VARIOUS CP

$$m_{\pi^0} = 1.396 \text{ GeV}, \quad m_{\pi^+} = 1.396 \text{ GeV}$$

Z/BV	.159	.316	.630	.840	.925
X/CV	.2960	.5245	.7150	.8210	.8770
.500					.9230
.100	.1345	.2680	.4120	.5350	.6300
.150	.2210	.3685	.5270	.6560	.7350
.200	.2820	.4365	.5970	.7270	.7950
.300	.3740	.5245	.6800	.7970	.8500
.500	.4650	.6130	.7550	.8450	.8800
.650	.5290	.6745	.8050	.8800	.9000
.775	.5770	.7200	.8400	.8950	.9100

565.7 = (2) 1733 665.1 = 17, 201

Wavelength, mμ	Refractive index	Dispersion, 10 ⁶ Δn	Optical density
4000	1.558	31.5	0.520
4500	1.557	29.0	0.500
5000	1.556	26.5	0.480
5500	1.555	24.0	0.460
6000	1.554	21.5	0.440
6500	1.553	19.0	0.420
7000	1.552	16.5	0.400
7500	1.551	14.0	0.380
8000	1.550	11.5	0.360
8500	1.549	9.0	0.340
9000	1.548	6.5	0.320
9500	1.547	4.0	0.300
10000	1.546	1.5	0.280

$$\text{MACH} (1) = 1.559 \quad \text{BE}^{\text{--}}\text{A}^{\text{--}} (3) = .520$$
[illegible]

1557.7 = 4.95

Z/EV	.150	.316	.630	.924	.924
100	.0040	.0070	.0120	.0150	.0150
150	.0060	.0100	.0170	.0210	.0210
200	.0080	.0130	.0220	.0270	.0270
300	.0120	.0200	.0330	.0400	.0400
400	.0160	.0260	.0440	.0530	.0530
500	.0200	.0320	.0560	.0670	.0670
600	.0240	.0380	.0690	.0820	.0820
700	.0280	.0440	.0820	.0970	.0970
800	.0320	.0500	.0950	.1110	.1110
900	.0360	.0560	.1080	.1260	.1260
1000	.0400	.0630	.1210	.1410	.1410

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL (REV223)

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 0.280

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2450	.1550	.0920	-.0330	-.2700
.050	.0570	.1690	.3110	.3120	.2440
.100	-.0050	.1770	.2250	.2130	.1200
.150	.0440	.1520	.1150	.1120	.0040
.200	.0130	-.0060	-.0370	-.0370	-.1150
.250	-.3780	-.3390	-.1720	-.1190	-.4770
.300	-.4040	-.1890	-.0820	-.1250	-.2850
.350		-.2430	-.1380	-.2280	-.2850

MACH (2) = 1.248 BETAT (1) = -0.130

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3170	.1430	-.0070	.0280	.0540
.050	-.0120	-.5240	-.5950	-.6810	-.7390
.100	-.0950	-.2370	-.5010	-.6510	-.7970
.150	-.1560	-.2180	-.4280	-.5130	-.5930
.200	-.2630	-.3030	-.4270	-.4490	-.3570
.250	-.4250	-.4450	-.4890	-.4930	-.6530
.300	-.3660	-.3470	-.4530	-.4450	-.5570
.350		-.3730	-.4340	-.4760	-.5450

MACH (2) = 1.251 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3340	.3480	.2730	.3270	.2240
.050	.1420	-.3850	-.5630	-.6280	-.5310
.100	.0220	-.1240	-.3410	-.5190	-.5140
.150	-.0870	-.1440	-.2140	-.2390	-.3790
.200	-.1870	-.2410	-.2190	-.1340	-.0850
.250	-.3850	-.3070	-.3220	-.2520	-.4770
.300	-.3470	-.2850	-.3520	-.2450	-.3900
.350		-.3270	-.3250	-.3330	-.3540

MACH (2) = 1.249 BETAT (3) = .010

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5440	.4720	.2780	.3380	.7750
.050	.0760	-.1800	-.2650	-.2450	-.1670
.100	.0420	-.0360	-.0570	-.0270	.0050
.150	-.0370	-.0530	-.0590	-.0310	-.0760
.200	-.1000	-.1000	-.1070	-.0850	-.0540
.250	-.4660	-.3270	-.2570	-.2470	-.4730
.300	-.3370	-.3550	-.2620	-.2400	-.3770
.350		-.2710	-.2740	-.2350	-.3320

MACH (2) = 1.245 BETAT (4) = 4.120

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3450	.4150	.2850	.2820	.0720
.050	.0740	.0980	.1570	.2190	.2150
.100	.0240	.0150	.0520	.1150	.1410
.150	-.0030	.0150	.1100	.1040	.0650

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

(28728)

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120					
		Z/BV	.158	.316	.600
	X/CV				.840
	.520	-.0260	.0060	-.0170	-.0110
	.650	-.3620	-.2500	-.2020	-.2070
	.775	-.3390	-.2500	-.1660	-.1940
	.900		-.1980	-.1760	-.1910
					-.2390
					.925
MACH (2) = 1.245 BETAT (5) = 6.230		Z/BV	.158	.316	.600
	X/CV				.840
	.500	.2870	.2530	.1690	.0320
	.650	.1210	.1850	.3540	.3710
	.775	.1620	.1470	.2350	.2300
	.900	.0440	.2120	.2070	.1330
	.520	.0620	.0920	.0410	.0300
	.650	-.3470	-.1970	-.1280	-.1270
	.775	-.3420	-.1590	-.0760	-.0300
	.900		-.1450	-.1550	-.1050
					-.2150

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 RIGHT VENT

182M4200 (27 APR 73)

REFERENCE DATA

S EF = 2.4210 SQ.FT. YGRP = 28.5300 INCHES
 L REF = 39.8490 INCHES YGRP = .0000 INCHES
 B REF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0000 SCALE

GEOMETRIC DATA

SLPHAT = 8.110 ORBINC = .500
 CUDDER = -19.11 ELEVON = .000
 FLOPLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE OF

MACH (1) = 1.098 BETAT (1) = -8.160

Z/8V	.158	.316	.600	.840	.925
X/CV	.000	.3140	.0080	-.1910	-.2000
.050	.000	-.1180	-.7110	-.7910	-.8080
.150	-.2320	-.3770	-.7310	-.7410	-.8070
.300	-.3270	-.3650	-.6850	-.7420	-.7780
.500	-.3760	-.4260	-.5460	-.7200	-.6900
.650	-.5070	-.5250	-.5980	-.6850	-.6770
.775	-.4280	-.4330	-.5350	-.6750	-.7450
.900		-.4600	-.4530	-.6680	-.5870

MACH (1) = 1.096 BETAT (2) = -4.070

Z/8V	.158	.316	.600	.840	.925
X/CV	.000	.2300	.2610	.0870	.1940
.050	.0750	-.5250	-.7390	-.8710	-.8630
.150	-.0760	-.2520	-.4320	-.7310	-.8020
.300	-.1930	-.2630	-.3630	-.3650	-.3610
.500	-.2860	-.3510	-.3320	-.2880	-.2820
.650	-.5050	-.5110	-.4930	-.4780	-.6690
.775	-.4080	-.3870	-.4980	-.4570	-.5780
.900		-.4190	-.4320	-.5280	-.5400

MACH (1) = 1.098 BETAT (3) = .020

Z/8V	.158	.316	.600	.840	.925
X/CV	.000	.4880	.4000	.1740	.2490
.050	.1060	-.3150	-.4070	-.3140	-.2710
.150	-.0700	-.1570	-.1350	-.1220	-.1460
.300	-.1450	-.1420	-.1450	-.1500	-.1740
.500	-.1880	-.2060	-.2140	-.2030	-.2230
.650	-.5370	-.4620	-.4190	-.4590	-.7070
.775	-.3550	-.3910	-.4160	-.4330	-.5700
.900		-.3380	-.4090	-.4710	-.4620

MACH (1) = 1.098 BETAT (4) = 4.150

Z/8V	.158	.316	.600	.840	.925
X/CV	.000	.2670	.3120	.1970	.1330
.050	.0420	-.0500	.0760	.1440	.1170
.150	-.1850	-.0490	.0540	.0970	.0210
.300	-.1160	.0000	.0080	.0180	-.0640
.500	-.1210	-.1070	-.1150	-.1130	-.1840
.650	-.4300	-.3960	-.3180	-.3890	-.6920
.775	-.3460	-.2430	-.2050	-.2070	-.3330
.900		-.2810	-.1850	-.1070	-.3750

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBMK29)

AVES 11-707 1A9 C2A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = 1.098	BETAT (5) = 8.310	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.2470	.1260	.0450	-.0920	-.3090
		.050	-.0060	.0710	.2810	.3000	.2330
		.150	-.0570	.1280	.2040	.1950	.1140
		.300	-.0190	.1260	.1210	.1080	.0020
		.520	-.0190	-.0110	-.0970	-.0830	-.0960
		.650	-.4550	-.3330	-.1620	-.1300	-.4630
		.775	-.3950	-.1560	-.1000	-.1520	-.3010
		.900		-.2550	-.1560	-.2320	-.3090

MACH (2) = 1.247	BETAT (1) = -8.100	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.4260	.1270	-.0460	-.0140	.0450
		.050	-.0350	-.5040	-.6060	-.6590	-.7050
		.150	-.1180	-.2740	-.5050	-.6550	-.7220
		.300	-.1760	-.2360	-.4670	-.5240	-.5540
		.520	-.2510	-.3120	-.4160	-.4790	-.3950
		.650	-.4220	-.4620	-.4770	-.5100	-.6710
		.775	-.3670	-.3570	-.4610	-.4800	-.5800
		.900		-.3940	-.4180	-.5070	-.5640

MACH (2) = 1.249	BETAT (2) = -4.040	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.2920	.3250	.1740	.2810	.1730
		.050	.1610	-.3680	-.5340	-.6210	-.6070
		.150	.0300	-.1460	-.3120	-.5130	-.5190
		.300	-.0850	-.1710	-.2240	-.2150	-.3130
		.520	-.1890	-.2250	-.2190	-.1410	-.1200
		.650	-.4520	-.3880	-.3320	-.2970	-.4800
		.775	-.3570	-.3120	-.3620	-.2940	-.4120
		.900		-.3410	-.3360	-.3410	-.3780

MACH (2) = 1.249	BETAT (3) = .020	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.5370	.4690	.2380	.2990	.1370
		.050	.0490	-.2010	-.2720	-.2590	-.1870
		.150	.0280	-.0530	-.0750	-.0550	-.0370
		.300	-.0530	-.0740	-.0870	-.0540	-.0400
		.520	-.1140	-.1190	-.1230	-.0890	-.0790
		.650	-.4930	-.3320	-.2730	-.2660	-.4910
		.775	-.3440	-.3670	-.2770	-.2620	-.3780
		.900		-.2900	-.2880	-.2930	-.3500

MACH (2) = 1.249	BETAT (4) = 4.130	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3170	.3910	.2520	.2370	.0420
		.050	.0390	.0740	.1170	.1730	.1590
		.150	.0090	.0330	.0280	.1380	.1040
		.300	-.0380	.0550	.0780	.0780	.0440

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBNK229)

AMES 11-707 1A9 O2A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEFENDENT VARIABLE CP

MACH (2) = 1.249	BETAT (4) = 4.130	Z/SV	.158	.316	.650	.840	.925
		X/CV					
		.520	-.0420	-.0060	-.0360	-.0160	-.0610
		.650	-.4230	-.2550	-.2120	-.2280	-.4920
		.775	-.3510	-.2800	-.1790	-.1980	-.3050
		.900		-.2100	-.1930	-.1950	-.3010
MACH (2) = 1.246	BETAT (5) = 8.250	Z/SV	.158	.316	.650	.840	.925
		X/CV					
		.520	.3760	.2340	.1480	.0450	-.1340
		.650	.0980	.1420	.3170	.3370	.3200
		.150	.0360	.0310	.2510	.2530	.2110
		.300	-.0030	.1670	.1780	.1820	.1100
		.520	.0290	.0690	.0180	.0150	-.0750
		.650	-.4380	-.2100	-.1480	-.1450	-.4400
		.775	-.3670	-.2150	-.1000	-.1180	-.1950
		.900		-.1640	-.1090	-.1150	-.2270

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

(GBNR30) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
LREF = 39.8490 INCHES YGRP = .0000 INCHES
SREF = 39.8490 INCHES ZGRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = -8.000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUDDLR = .000

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (1) = 1.101 BETAT (1) = -8.180

Z/SV X/CV	.158	.316	.600	.840	.925
.000	.2860	.0800	.0380	.1960	.2370
.050	-.4190	-.6300	-.7140	-.8060	-.9430
.100	-.1000	-.6490	-.6240	-.7580	-.8980
.150	-.1680	-.5370	-.5630	-.5720	-.6500
.200	-.2760	-.2580	-.5020	-.4770	-.4320
.250	-.4610	-.3350	-.4370	-.4300	-.8120
.300	-.3810	-.2810	-.4570	-.4260	-.6570
.350	-.3170	-.4540	-.5120	-.5120	-.6070

MACH (1) = 1.102 BETAT (2) = -4.080

Z/SV X/CV	.158	.316	.600	.840	.925
.000	.6390	.4840	.3820	.5060	.4180
.050	-.1820	-.5160	-.6830	-.8240	-.8350
.100	.0180	-.2360	-.3750	-.6620	-.6610
.150	-.0730	-.0820	-.2190	-.4940	-.5210
.200	-.1280	-.1930	-.1330	-.0450	-.0500
.250	-.4310	-.2800	-.1810	-.0800	-.5650
.300	-.3820	-.2930	-.1970	-.0630	-.3240
.350	-.2520	-.2280	-.2370	-.2370	-.2730

MACH (1) = 1.102 BETAT (3) = .020

Z/SV X/CV	.158	.316	.600	.840	.925
.000	.7100	.6240	.5620	.6330	.4480
.050	.1620	-.1390	-.1990	-.1670	-.1510
.100	.1270	.0840	.1000	.0740	.0550
.150	.0840	.0910	.0580	.0260	.0420
.200	.0090	-.0610	.0130	.0460	.0210
.250	-.3550	-.1730	-.0120	.0100	-.5320
.300	-.3540	-.1400	-.0400	.0190	-.2660
.350	-.1420	-.0650	-.1930	-.2230	-.2230

MACH (1) = 1.100 BETAT (4) = 4.160

Z/SV X/CV	.158	.316	.600	.840	.925
.000	.5460	.5830	.5270	.4920	.2560
.050	.3690	.3440	.3590	.3630	.3150
.100	.3120	.3120	.2990	.2880	.2190
.150	.2730	.2640	.2040	.1980	.1420
.200	.1300	.1240	.0710	.1110	.0950
.250	-.2820	-.1110	.1420	.1230	-.4510
.300	-.3620	-.0010	.0860	.0920	-.2410
.350	-.0840	.0080	.0080	-.1810	-.2860

(RBN230)

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.102	BETAT (5) = 8.310	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	.0930	.3260	.3610	.2820	.0070
		.050	.5830	.5870	.5610	.5580	.4770
		.100	.4920	.4850	.4480	.4430	.3470
		.300	.4280	.3950	.3500	.3270	.2440
		.520	.2370	.1330	.2130	.2010	.1600
		.650	-.1650	-.0160	.2300	.1830	-.3260
		.775	-.3180	.0510	.1630	.1680	-.1860
		.900		-.0550	.0750	-.1120	-.2440

MACH (2) = 1.244 BETAT (1) = -8.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3490	.2420	.1900	.3160	.3470
.050	-.3320	-.4320	.5280	-.6800	-.7290
.100	-.0830	-.4480	-.5060	-.6370	-.6810
.300	-.0870	-.3970	-.3480	-.4880	-.5550
.520	-.1770	-.2140	-.3180	-.3230	-.3870
.650	-.3610	-.2440	-.3360	-.2350	-.6410
.775	-.3470	-.2170	-.3070	-.2650	-.5310
.900		-.2280	-.3110	-.3630	-.4350

MACH (2) = 1.245 BETAT (2) = -4.050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6750	.5570	.4360	.5980	.5040
.050	-.1550	-.3400	-.5460	-.5930	-.6010
.100	.1110	.1530	-.4150	-.4580	-.4640
.300	.0510	.0320	-.0950	-.3660	-.3460
.520	-.0550	.0840	.0360	-.0190	-.1530
.650	-.3190	-.1670	.0000	.0220	-.4270
.775	-.3410	-.2440	.0950	.0360	-.2220
.900		-.2040	-.1270	-.1150	-.1490

MACH (2) = 1.249 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7980	.7010	.6120	.6830	.5120
.050	.1900	.0370	-.1820	-.1300	-.0710
.100	.2130	.1500	.1450	.1620	.1570
.300	.1410	.1430	.1170	.1230	.1120
.520	.0710	.0310	.0660	.1360	.1190
.650	-.2710	-.0640	.0760	.1100	-.3500
.775	-.3290	-.1220	.0330	.1140	-.1450
.900		-.1000	-.0050	-.0870	-.1250

MACH (2) = 1.245 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5840	.6560	.6110	.5750	.3600
.050	.4440	.3740	.4080	.4280	.3930
.100	.3430	.3510	.3710	.3710	.3130
.300	.3030	.3170	.2920	.2910	.2340

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2853

AVES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

(RBNK30)

SECTION 1 RIGHT VERTICAL

DEPENDENT VARIABLE CP

WACH (2) = 1.245	BETAT (4) = 4.130	Z/EV X/CV	.158	.316	.600	.840	.925
		.520	.2090	.1500	.1790	.1970	.1890
		.650	-.1740	.0180	.2150	.2340	-.2700
		.775	-.2840	.0560	.1910	.2280	-.0910
		.900		.0150	.1390	-.0150	-.1470

WACH (2) = 1.247	BETAT (5) = 8.250	Z/EV X/CV	.158	.316	.600	.840	.925
		.500	.1920	.4590	.4780	.4060	.1490
		.650	.5630	.6130	.6210	.6230	.5510
		.800	.4590	.5340	.5200	.5210	.4340
		.950	.4540	.4700	.4200	.4230	.3430
		.520	.3250	.2370	.3040	.3050	.2730
		.650	-.0670	.0870	.3320	.3020	-.1690
		.775	-.2540	.1760	.2680	.3050	-.0380
		.900		.0790	.1940	.3400	-.1050

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

(REMARKS) (27 APR 73)

AVES 11-707 IAS O2A + S3 + T9 RIGHT VERTICAL

REFERENCE DATA

STEP = 2.4210 SQ.FT. XWRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YWRP = .0000 INCHES
 BRP = 39.8490 INCHES ZWRP = .0000 INCHES
 SCALE = .0000 SCALE

SECTION (1) RIGHT VERTICAL

MACH (1) = 1.101 BETAT (1) = -8.190

DEPENDENT VARIABLE CP

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2820	.0950	.0180	.1570	.1890
.050	-.2780	-.6490	-.7270	-.8090	-.9450
.100	-.1260	-.6540	-.7600	-.8960	-.8960
.150	-.1940	-.4710	-.5770	-.5560	-.6380
.200	-.2970	-.2930	-.5130	-.4890	-.4360
.250	-.4610	-.3720	-.4920	-.4500	-.8330
.300	-.3850	-.2950	-.4670	-.4360	-.6570
.350		-.3200	-.4630	-.5240	-.6140

ALPHAT = -6.000 OFSINC = .500
 RUDDER = -15.000 ELEVON = .000
 RUDFLR = .000

PARAMETRIC DATA

MACH (1) = 1.101 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6180	.4630	.3530	.4690	.3740
.050	-.1050	-.5310	-.7260	-.8300	-.8420
.100	-.0070	-.2390	-.3590	-.6690	-.6700
.150	-.0670	-.1540	-.2270	-.4780	-.5270
.200	-.1590	-.2180	-.1460	-.0580	-.0700
.250	-.4310	-.3070	-.1980	-.1070	-.5680
.300	-.3640	-.2340	-.2130	-.0760	-.3480
.350		-.2510	-.2390	-.2580	-.2910

MACH (1) = 1.099 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6970	.5940	.5210	.6010	.4060
.050	.1520	-.1620	-.2250	-.1510	-.1050
.100	.0940	.0580	.1190	.0670	.0360
.150	.0540	.0650	.0450	.0120	.0200
.200	-.0120	-.0750	-.0100	.0270	.0020
.250	-.3670	-.1830	-.0310	-.0060	-.5360
.300	-.3450	-.1560	-.0580	.0040	-.2990
.350		-.1550	-.0320	-.2130	-.2440

MACH (1) = 1.098 BETAT (4) = 4.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5380	.5670	.4990	.4410	.2090
.050	.3210	.2970	.3250	.3350	.2760
.100	.2550	.2780	.2650	.2800	.1910
.150	.2330	.2360	.1790	.1750	.1150
.200	.1140	.1060	.1470	.1810	.0770
.250	-.2890	-.1280	.1180	.0050	-.4590
.300	-.3630	-.0610	.0710	.0510	-.2640
.350		-.0670	-.0070	-.1990	-.3160

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2885

AMES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

(RBM331)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (5) = 8.280

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.1030	.3080	.3230	.2470
	.050	.4920	.5390	.5230	.5240
	.150	.4230	.4420	.4110	.3170
	.300	.3770	.3600	.3130	.3010
	.520	.2030	.1050	.1870	.1770
	.650	-.1850	-.0510	.2070	.1580
	.775	-.3260	.0340	.1360	.1550
	.900		-.0720	.0550	-.1240

MACH (2) = 1.247 BETAT (1) = -8.140

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.3050	.2410	.1760	.2940
	.050	-.2090	-.4430	-.5330	-.6950
	.150	-.0740	-.4590	-.5050	-.6480
	.300	-.1110	-.3960	-.3460	-.5250
	.520	-.1970	-.1830	-.3090	-.3350
	.650	-.3620	-.2490	-.3390	-.2970
	.775	-.3310	-.2180	-.3020	-.2610
	.900		-.2390	-.3030	-.3540

MACH (2) = 1.249 BETAT (2) = -4.060

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.6190	.5410	.4540	.5620
	.050	-.0100	-.3510	-.5460	-.5990
	.150	.0970	-.1520	-.3920	-.4660
	.300	.0240	-.0220	-.1110	-.3700
	.520	-.0360	-.1030	-.0530	-.0170
	.650	-.3150	-.1920	-.1070	.0040
	.775	-.3390	-.2450	-.1150	.0190
	.900		-.2050	-.1450	-.3320

MACH (2) = 1.251 BETAT (3) = .000

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.7820	.6630	.5580	.6330
	.050	.1960	-.0580	-.1850	-.1470
	.150	.1930	.1240	.1210	.1400
	.300	.1210	.1160	.0960	.1050
	.520	.0420	.0110	.0450	.1160
	.650	-.2610	-.0900	.0600	.0910
	.775	-.3260	-.1350	.0150	.0940
	.900		-.1090	-.0190	-.1000

MACH (2) = 1.253 BETAT (4) = 4.120

Z/BV	.158	.316	.600	.840	.925
X/CV	.000	.5200	.6260	.5560	.5280
	.050	.4090	.3240	.3720	.3970
	.150	.3070	.3120	.2410	.3110
	.300	.2590	.2300	.2570	.2690

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2225

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL (RBVR31)

SECTION / 1) RIGHT VERTICAL

DEPENDENT VARIABLE C_P

WACH (2) = 1.251 BETAT (4) = 4.120

Z/BV Y/CV	.158	.315	.650	.840	.925
.520	.1760	.1320	.1530	.1780	.1670
.650	-.1800	.0030	.1870	.2100	-.2770
.775	-.2850	.0330	.1620	.2100	-.1000
.900		.0410	.1210	-.0190	-.1670

WACH (2) = 1.250 BETAT (5) = 8.230

Z/BV Y/CV	.159	.315	.650	.840	.925
.100	.1520	.4450	.4490	.3650	.1150
.050	.4950	.5710	.5940	.5950	.5230
.150	.4220	.4960	.4940	.5130	.4140
.250	.4150	.4410	.3950	.4150	.3230
.520	.2980	.2130	.2740	.2920	.2570
.650	-.0710	.0780	.3240	.2680	-.1730
.775	-.2670	.1580	.2580	.2620	-.0450
.900		.0710	.1940	.0360	-.1210

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(REMARKS) (27 APR 73)

REFERENCE DATA

SEEF = 2.4210 SQ.FT. XMRP = 28.9300 INCHES
 UREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = -4.000 ORBINC = .500
 RUDDER = -15.000 ELEVON = .000
 RUOFLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE JP

MACH (1) = 1.100 BETAT (1) = -8.200

Z/SV X/CV	.158	.316	.630	.840	.925
.000	.3040	.1020	-.0060	.1220	.1490
.050	-.2590	-.6590	-.7350	-.8020	-.9390
.100	-.1320	-.6690	-.6570	-.7550	-.8790
.150	-.2070	-.3350	-.5980	-.5530	-.6270
.200	-.3150	-.3220	-.5180	-.5020	-.4500
.250	-.4480	-.3870	-.4040	-.4800	-.8280
.300	-.3880	-.3120	-.4790	-.4550	-.6510
.350	-.3300	-.2450	-.4590	-.5310	-.5870

MACH (1) = 1.099 BETAT (2) = -4.000

Z/SV X/CV	.158	.316	.630	.840	.925
.000	.5750	.4440	.3220	.4300	.3240
.050	-.0130	-.5380	-.7550	-.8400	-.8510
.100	-.0220	-.2420	-.7510	-.6840	-.6850
.150	-.1020	-.1220	-.2410	-.4260	-.5410
.200	-.1850	-.0380	-.1750	-.1690	-.0970
.250	-.4350	-.3280	-.2180	-.1200	-.5740
.300	-.3510	-.2730	-.2250	-.0370	-.3690
.350	-.2660	-.2440	-.2800	-.3160	-.3160

MACH (1) = 1.100 BETAT (3) = .020

Z/SV X/CV	.158	.316	.630	.840	.925
.000	.6880	.5570	.4370	.5520	.3610
.050	.1360	-.1990	-.2870	-.1930	-.1960
.100	.0600	.0170	.0430	.0320	.0410
.150	.0240	.0330	.0190	-.0040	-.0060
.200	-.0420	-.0960	-.0310	.0050	-.0230
.250	-.3350	-.1990	-.0520	-.0220	-.5420
.300	-.3450	-.1570	-.0770	-.0140	-.3110
.350	-.1620	-.0970	-.0370	-.2320	-.2760

MACH (1) = 1.101 BETAT (4) = 4.130

Z/SV X/CV	.158	.316	.630	.840	.925
.000	.5110	.3300	.4510	.4010	.1670
.050	.2950	.2420	.2360	.2000	.2480
.100	.2050	.2350	.2370	.2230	.1610
.150	.1320	.2110	.1510	.1510	.1150
.200	.1700	-.0150	.0200	.1070	.0560
.250	-.2110	-.1410	.0310	.1760	-.4590
.300	-.3380	-.1770	.1520	.1000	-.0940
.350	-.1130	-.0940	-.1340	-.1340	-.3370

DATE 2: SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2333

AVES 11-707 1A9 OBA + S3 + T9 RIGHT VERTICAL (234732)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (5) = 8.260

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	.1460	.2930	.2850	.2020	-.0770
.050	.4200	.4980	.4940	.4950	.4040
.100	.3610	.3990	.3760	.3770	.2790
.150	.3280	.3260	.2700	.2700	.1810
.200	.1730	.0750	.1180	.1490	.1120
.250	-.2040	-.0770	.1780	.3310	-.3520
.300	-.3310	.0210	.1100	.1380	-.2300
.350	-.0560	.0260	.0260	-.1380	-.2330

MACH (2) = 1.249 BETAT (1) = -8.150

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	.2590	.2380	.1190	.2690	.2750
.050	-.0620	-.4410	-.3350	-.6950	-.7910
.100	-.0540	-.4590	-.4380	-.6440	-.5880
.150	-.1000	-.3180	-.3500	-.4810	-.5600
.200	-.2080	-.1910	-.3140	-.2240	-.3910
.250	-.3700	-.2670	-.3420	-.3120	-.5260
.300	-.3240	-.2260	-.3040	-.2570	-.5110
.350	-.2610	-.3050	-.3590	-.4590	-.4540

MACH (2) = 1.250 BETAT (2) = -4.060

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	.5190	.5140	.4150	.5170	.4130
.050	.1310	-.3470	-.5420	-.6000	-.6060
.100	.0960	-.1680	-.3320	-.4680	-.4750
.150	.0110	-.0270	-.1220	-.3590	-.3660
.200	-.1210	-.1280	-.0770	-.0940	-.1480
.250	-.3270	-.1220	-.1220	-.1210	-.4190
.300	-.7750	-.2120	-.1150	.0000	-.2520
.350	-.2130	-.1640	-.1590	-.1590	-.2070

MACH (2) = 1.250 BETAT (3) = .020

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	.7670	.6300	.5130	.5950	.4110
.050	.1900	-.0720	-.2020	-.0760	-.0760
.100	.1730	.0970	.1930	.1140	.1150
.150	.1970	.0910	.1690	.1710	.0830
.200	.0160	-.1100	.0230	.0340	.0740
.250	-.3040	-.0830	.0380	.0700	-.3620
.300	-.3240	-.1150	-.1150	.1190	-.1170
.350	-.1260	-.0700	-.1120	-.1120	-.1120

MACH (2) = 1.245 BETAT (4) = 4.110

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	.4640	.6990	.5220	.4620	.2740
.050	.3610	.2760	.3300	.3460	.3100
.100	.2900	.2670	.3160	.3110	.2520
.150	.2210	.2110	.2710	.2420	.1740

TABLE 2. TABULATED PRESSURE DATA - 1A9A

CELESTINE

INVESTIGATOR: T9 28A + S3 + T9 RIGHT VERTICAL

DEPENDENT VARIABLE CP

$$\text{MEAN} (2) = 1.246 \quad \text{SEAT} (4) = 4.115$$

	1988	1989	1990	1991	1992
Z/W	.158	.316	.605	.840	.925
X/Y					
.525	.1420	.1045	.1235	.1580	.1475
.650	.2050	.10210	.1610	.1610	.2910
.775	.2890	.1020	.1295	.1650	.1225
.900		.1020	.1010	.0820	.1395

$$\text{MACH} (2) = 1.246 \text{ BETAT} (5) = 0.210$$
[illegible]

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + 19 RIGHT VERTICAL

(REVISED) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SJ.FT. XMRP = 28.5300 INCHES
LREF = 35.8490 INCHES YMRP = .0000 INCHES
BREF = 35.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -2.700 OBBINC = .500
RUDDER = -5.000 ELEVON = .000
RUFLR = .000

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = 1.102	BETAT (1) = -0.200	Z/BV	X/CV	.158	.316	.600	.840	.925
		.000	.3410	.1000	-.0370	.0990	.0930	.0930
		.050	-.1580	-.6730	-.7460	-.7970	-.9210	-.9210
		.100	-.1460	-.6710	-.6800	-.7480	-.8770	-.8770
		.150	-.2210	-.1770	-.6120	-.5920	-.6410	-.6410
		.200	-.3210	-.3490	-.5310	-.5150	-.4740	-.4740
		.250	-.4570	-.4120	-.5160	-.5130	-.8110	-.8110
		.300	-.3930	-.3190	-.4890	-.4800	-.6540	-.6540
		.350		-.3360	-.4510	-.5340	-.5480	-.5480

MACH (1) = 1.101 BETAT (2) = -4.090

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.4750	.4210	.2960	.4070	.2860	.2860
.050	.0280	-.5370	-.7590	-.8410	-.8420	-.8420
.100	-.1420	-.2450	-.3740	-.6870	-.6870	-.6870
.150	-.1310	-.1440	-.2510	-.3980	-.5190	-.5190
.200	-.2110	-.2590	-.2010	-.0310	-.1100	-.1100
.250	-.4450	-.3390	-.2370	-.1480	-.5910	-.5910
.300	-.775	-.3490	-.2670	-.2450	-.1060	-.3550
.350		-.2760	-.2450	-.3100	-.3390	-.3390

MACH (1) = 1.100 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.6840	.5170	.4230	.5020	.3080	.3080
.050	.1210	-.2050	-.3120	-.2180	-.1470	-.1470
.100	.0430	-.1040	.0140	.0060	-.0190	-.0190
.150	-.0170	.0050	-.0120	-.1250	-.0360	-.0360
.200	-.0780	-.1250	-.0550	-.0220	-.1750	-.1750
.250	-.3090	-.2260	-.0740	-.0540	-.5500	-.5500
.300	-.775	-.3340	-.1730	-.1020	-.0400	-.3370
.350		-.1820	-.1150	-.2500	-.3090	-.3090

MACH (2) = 1.101 BETAT (4) = 4.130

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.3970	.4950	.4570	.3540	.1230	.1230
.050	.2350	.1830	.2570	.2640	.2150	.2150
.100	.1560	.0950	.2050	.1940	.1290	.1290
.150	.1440	.1610	.1190	.1210	.0520	.0520
.200	.0370	-.1080	-.1030	.0430	.0310	.0310
.250	-.3230	-.1650	.0410	.0620	-.4710	-.4710
.300	-.775	-.3530	-.1090	.0280	.1920	.1920
.350		-.1330	-.1090	-.2040	-.1510	-.1510

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(384533)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (1) = 1.099 BETAT (5) = 8.250

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2060	.2680	.2410	.1590	-.1110
.050	.3400	.4290	.4440	.4520	.3720
.100	.4500	.5540	.5390	.3500	.2430
.150	.5290	.6000	.4800	.2460	.1150
.200	.5780	.6290	.3310	.1270	.0540
.250	.6000	.6200	.1610	.1110	-.3500
.300	.6000	.5990	.0010	.1170	-.2480
.350	.5750	.5430	-.1030	-.1480	-.3050

MACH (2) = 1.247 BETAT (1) = -8.150

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.4210	.2210	.1290	.2330	.2330
.050	.2130	-.4710	-.5540	-.1150	-.7540
.100	-.0230	-.4770	-.5010	-.6600	-.6920
.150	-.0980	-.4910	-.3680	-.5520	-.5740
.200	-.1970	-.4120	-.3090	-.3290	-.4290
.250	-.3800	-.2980	-.3420	-.2870	-.6420
.300	-.5200	-.2450	-.3150	-.2530	-.5250
.350	-.6000	-.2550	-.2990	-.3190	-.4510

MACH (2) = 1.246 BETAT (2) = -4.050

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.4110	.4920	.3780	.4570	.3630
.050	.1430	-.3680	-.5530	-.6370	-.6130
.100	.0590	-.4610	-.3630	-.4780	-.4580
.150	-.0270	-.4010	-.1430	-.3690	-.3750
.200	-.1230	-.3510	-.0190	-.2400	-.0460
.250	-.3610	-.2510	-.1390	-.0460	-.4140
.300	-.5510	-.2250	-.1560	-.0020	-.2070
.350	-.6000	-.2020	-.1190	-.1470	-.0730

MACH (2) = 1.250 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.7290	.5980	.4640	.5320	.3150
.050	.5740	-.0560	-.2110	-.1710	-.1390
.100	.4450	.1670	.0660	.0840	.0520
.150	.3070	.0440	.0450	.0570	.0460
.200	-.0100	-.0220	-.1120	.0650	.0330
.250	-.3300	-.1160	.0170	.0500	-.3710
.300	-.5750	-.2840	-.0260	.0420	-.1930
.350	-.6000	-.3350	-.0590	-.1220	-.1960

MACH (2) = 1.250 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3970	.5710	.4550	.4450	.2320
.050	.3100	.3440	.3120	.3160	.2120
.100	.2310	.2120	.2770	.2730	.3310
.150	.1930	.2310	.2120	.2210	.1160

DATE 21 SEP 73 (RBM34) (27 APR 73)

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

REFERENCE DATA

SREF = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
LREF = 39.8490 INCHES YGRP = .0000 INCHES
BREF = 39.8490 INCHES ZGRP = .0000 INCHES
SCALE = .0300 SCALE

SECTION (1) RIGHT VERTICAL

MACH (1) = 1.097 BETAT (1) = -8.200

DEPENDENT VARIABLE CP

Z/BV	X/CV	.158	.316	.600	.840	.925
.040	.2870	.0810	-.0630	.0410	.0210	.0210
.050	-.0710	-.6860	-.7950	-.9070	-.9070	-.9070
.150	-.1460	-.6990	-.6920	-.7440	-.8770	-.8770
.300	-.2330	-.2160	-.6370	-.5750	-.6300	-.6300
.520	-.3520	-.3630	-.5490	-.5190	-.4620	-.4620
.650	-.4750	-.4060	-.5350	-.5330	-.8120	-.8120
.775	-.4810	-.3210	-.5020	-.4970	-.6680	-.6680
.900	-.3430	-.3430	-.4760	-.5310	-.5160	-.5160

MACH (1) = 1.100 BETAT (2) = -4.090

Z/BV	X/CV	.158	.316	.600	.840	.925
.040	.3680	.3930	.2620	.3630	.2450	.2450
.050	.0440	-.5380	-.7650	-.8480	-.8550	-.8550
.150	-.1640	-.2390	-.3870	-.6990	-.7060	-.7060
.300	-.1490	-.1610	-.2680	-.3360	-.5270	-.5270
.520	-.2370	-.2810	-.2250	-.1120	-.1260	-.1260
.650	-.4620	-.3490	-.2530	-.1690	-.5910	-.5910
.775	-.3520	-.2750	-.2540	-.1270	-.4720	-.4720
.900	-.2930	-.2930	-.2550	-.3120	-.3590	-.3590

MACH (1) = 1.099 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.040	.6320	.5000	.3780	.4620	.2710	.2710
.050	.1080	-.2310	-.3160	-.2310	-.1680	-.1680
.150	.0220	-.0380	-.0130	-.0080	-.0360	-.0360
.300	-.0400	-.0290	-.0350	-.0390	-.0540	-.0540
.520	-.1010	-.1430	-.0820	-.0370	-.0620	-.0620
.650	-.2060	-.2450	-.1920	-.0650	-.5500	-.5500
.775	-.3330	-.2300	-.1190	-.0520	-.3470	-.3470
.900	-.1960	-.1960	-.1280	-.2570	-.3240	-.3240

MACH (1) = 1.100 BETAT (4) = 4.130

Z/BV	X/CV	.158	.316	.600	.840	.925
.040	.3220	.4690	.3780	.3150	.0810	.0810
.050	.1950	.1480	.2290	.2430	.1960	.1960
.150	.1160	.1680	.1950	.1760	.0080	.0080
.300	.0060	.1390	.1000	.1190	.0340	.0340
.520	.0080	-.0550	-.0270	.0310	.0150	.0150
.650	-.3740	-.1770	.0250	.0440	-.4720	-.4720
.775	-.3540	-.1170	.0140	.0450	-.3210	-.3210
.900	-.1420	-.1420	-.1530	-.2030	-.3750	-.3750

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUFLUR = .000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBM34)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.250

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2030	.2450	.2030	.1090	-.1640
.050	.2890	.3940	.4180	.4220	.3480
.100	.2370	.3260	.3170	.3190	.2250
.150	.2480	.2620	.2140	.2250	.1320
.200	.1190	.0310	.1090	.1060	.0700
.250	-.2500	-.1140	.1360	.0970	-.3700
.300	.775	-.3550	.0700	.0950	-.2620
.350		-.1160	-.0070	-.1560	-.3590

MACH (2) = 1.249 BETAT (1) = -8.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3200	.1930	.1020	.1890	.1920
.050	-.0770	-.4860	-.5620	-.7140	-.7610
.100	-.0450	-.4520	-.5010	-.6700	-.6930
.150	-.1270	-.1330	-.3790	-.5610	-.5790
.200	-.2150	-.2400	-.3130	-.3230	-.4370
.250	-.3890	-.3180	-.3470	-.2990	-.6400
.300	-.775	-.3170	-.2670	-.3130	-.5260
.350		-.2700	-.3040	-.3520	-.4660

MACH (2) = 1.250 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3690	.4640	.3450	.4450	.3250
.050	.1380	-.3780	-.5570	-.6180	-.6230
.100	.0340	-.1560	-.3440	-.4920	-.4970
.150	-.0470	-.0650	-.1600	-.3820	-.3810
.200	-.1310	-.1680	-.1300	-.0470	-.0370
.250	-.3720	-.2680	-.1600	-.1280	-.4070
.300	.775	-.3450	-.2330	-.1740	-.2550
.350		-.2450	-.1770	-.1600	-.2250

MACH (2) = 1.249 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6710	.5710	.4360	.4890	.3100
.050	.1550	-.1100	-.2250	-.1840	-.1110
.100	.1190	.0480	.0400	.0640	.0590
.150	.0480	.0350	.0250	.0390	.0280
.200	-.0350	-.0520	-.0210	.0240	.0350
.250	-.3300	-.1350	-.0030	.0330	-.3810
.300	.775	-.3280	-.2020	-.0430	-.2200
.350		-.1500	-.0750	-.1280	-.2260

MACH (2) = 1.245 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3460	.5380	.4460	.4090	.2540
.050	.2480	.2160	.2770	.3210	.2900
.100	.1910	.2010	.2520	.2660	.2130
.150	.2480	.2120	.1930	.2070	.1470

(RBM34)

TABULATED PRESSURE DATA - IASA

DATE 21 SEP 73

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL		DEPENDENT VARIABLE CP	
MACH (2) = 1.245	BETAT (4) = 4.110	Z/BV X/CV	
		.520	.600 .840 .925
		.650	.0800 .1290 .1170
		.775	.1250 .1260 .1250
		.900	.1370 .1370 .1500
			.0871 .0871 .0871
			.1670 .1670 .1670
			.1520 .1520 .1520
			.840 .840 .840
			.925 .925 .925
MACH (2) = 1.247	BETAT (5) = 8.200	Z/BV X/CV	
		.000	.3270 .2280 .0000
		.050	.4850 .4910 .4380
		.150	.3970 .3980 .3290
		.300	.3260 .3010 .2420
		.520	.2270 .1670 .0900
		.650	.0160 .2370 .2080
		.775	.0840 .1930 .1840
		.900	.0170 .1260 .0170

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBM335) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 BREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORBINC = .500
 RUDDER = -15.000 ELEVON = .000
 RUDFLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.210

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2150	.0310	-.1090	-.0270	-.0090	
.050	-.0890	-.7060	-.7670	-.7890	-.8720	
.100	-.1660	-.6190	-.7100	-.7270	-.8110	
.150	-.2450	-.2650	-.6650	-.6080	-.6710	
.200	-.3540	-.3850	-.5640	-.5620	-.5820	
.250	-.4830	-.4090	-.5560	-.5650	-.7780	
.300	-.775	-.3340	-.5140	-.5290	-.7430	
.350		-.3920	-.4350	-.5460	-.5650	

MACH (1) = 1.095 BETAT (2) = -4.090

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2940	.3510	.2150	.3130	.1860	
.050	.0480	-.5510	-.7680	-.8680	-.8680	
.100	-.0740	-.2170	-.4210	-.7210	-.7330	
.150	-.1540	-.2000	-.3020	-.2710	-.5500	
.200	-.2630	-.3170	-.2640	-.1510	-.1610	
.250	-.4580	-.3440	-.2810	-.2060	-.6060	
.300	-.775	-.2830	-.2720	-.1700	-.4380	
.350		-.3250	-.2710	-.3280	-.4000	

MACH (1) = 1.099 BETAT (3) = .020

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.5780	.4680	.3220	.3980	.2090	
.050	.0780	-.2640	-.3730	-.2830	-.2020	
.100	-.0140	-.0730	-.0470	-.0460	-.0690	
.150	-.0720	-.0630	-.0760	-.0750	-.0840	
.200	-.1280	-.1670	-.1160	-.0680	-.0880	
.250	-.4380	-.2730	-.1250	-.0900	-.5610	
.300	-.775	-.3290	-.2220	-.1420	-.3720	
.350		-.2100	-.1500	-.2680	-.3470	

MACH (1) = 1.102 BETAT (4) = 4.130

Z/BV	X/CV	.158	.316	.600	.840	.925
.000	.2990	.4280	.3330	.2650	.0360	
.050	.1140	.0730	.1810	.1960	.1590	
.100	.0510	.0960	.1440	.1360	.0680	
.150	.0370	.0830	.0650	.1650	-.0030	
.200	-.0340	-.0840	-.0580	-.0010	-.0140	
.250	-.3320	-.2040	-.0110	.0130	-.4370	
.300	-.775	-.3390	-.1250	-.0170	-.3450	
.350		-.1620	-.0770	-.2230	-.3920	

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

AVES 11-707 IAS O2A + S3 + T9 RIGHT VERTICAL

(RBNV35)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.156 BETAT (5) = 0.250

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2270	.2270	.1630	.0570	-.2060
.050	.1760	.3260	.3740	.3740	.3100
.100	.1300	.2780	.2770	.2790	.1860
.150	.1820	.2220	.1750	.1940	.0950
.200	.0850	.0040	.0550	.0790	.0390
.250	-.2840	-.1380	.1080	.0720	-.3800
.300	-.3560	-.0470	.0470	.0590	-.2840
.350		-.1320	-.0250	-.1640	-.2880

MACH (2) = 1.248 BETAT (1) = -0.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2680	.1310	.0400	.1130	.1260
.050	-.0400	-.5220	-.5760	-.6760	-.7320
.100	-.0910	-.3130	-.4860	-.6460	-.7300
.150	-.1650	-.1770	-.4320	-.4750	-.5830
.200	-.2640	-.2790	-.3920	-.3770	-.3470
.250	-.3940	-.3430	-.3980	-.3740	-.6330
.300	-.3400	-.2920	-.3720	-.3460	-.5120
.350		-.2920	-.3460	-.3860	-.5030

MACH (2) = 1.244 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2880	.4170	.2860	.4100	.2790
.050	.1380	-.3940	-.5670	-.6240	-.6290
.100	.0270	-.1300	-.3190	-.4960	-.5030
.150	-.0670	-.1010	-.1820	-.3570	-.3940
.200	-.1670	-.2090	-.1470	-.1500	-.1280
.250	-.3820	-.2840	-.1580	-.0810	-.4160
.300	-.3260	-.2450	-.1750	-.1040	-.2620
.350		-.2400	-.1810	-.1920	-.2510

MACH (2) = 1.250 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5910	.5340	.3700	.4280	.2490
.050	.1240	-.1440	-.2430	-.2170	-.1420
.100	.0810	.0110	-.0010	.0210	.0240
.150	.0090	-.0030	-.1200	.0030	.0070
.200	-.1150	-.1140	-.0680	.0120	.0120
.250	-.1520	-.1650	-.0950	.0020	-.3860
.300	.3260	-.2250	-.0780	.0030	-.2190
.350		-.1710	-.1110	-.1340	-.2310

MACH (2) = 1.248 BETAT (4) = 4.100

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2970	.5020	.3980	.3700	.1610
.050	.1650	.1550	.2250	.2690	.2450
.100	.1210	.1500	.2120	.2210	.1720
.150	.0900	.1170	.1500	.1100	.1090

ANES 11-707 IAS O2A + S3 + T9 RIGHT VERTICAL (RBNR35)

SECTION: (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (4) = 4.100

Z/BV	.158	.316	.600	.840	.925
X/CV					
.520	.0310	.0230	.0463	.0980	.1130
.650	-.2300	-.0790	.0810	.1090	-.3290
.775	-.2950	-.0590	.0490	.0800	-.1640
.900		-.0760	.0340	-.0490	-.2310

MACH (2) = 1.248 BETAT (5) = 8.200

Z/BV	.158	.316	.600	.840	.925
X/CV					
.500	.3230	.2890	.2790	.1760	-.0490
.550	.2520	.2940	.4400	.4490	.4020
.600	.1720	.3030	.3680	.3550	.2930
.650	.1840	.2910	.2640	.2920	.2090
.700	.1640	.1220	.1300	.2010	.1830
.750	-.2100	-.1080	.1950	.1990	-.2090
.800	-.3010	.0560	.1630	.1310	-.1140
.850		-.0030	.1010	.0030	-.1840

DATE 21 SEP 73

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TABULATED PRESSURE DATA - IA9A

AVES 11-707 IA9 OCA + S3 + T9 RIGHT VERTICAL
(RBM336) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUDFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (1) = 1.103 BETAT (1) = -8.250

Z/BV Y/CV	.158	.316	.600	.840	.925
.000	.2780	.0390	-.1290	-.0640	-.0460
.050	-.1130	-.7140	-.7670	-.7870	-.8420
.150	-.1880	-.4390	-.7000	-.7160	-.8310
.300	-.2620	-.2950	-.6810	-.6280	-.7080
.520	-.3710	-.3980	-.5620	-.5970	-.6250
.650	-.4740	-.4160	-.5580	-.5760	-.7720
.775	-.4040	-.3540	-.4920	-.5590	-.6860
.900	-.3670	-.3880	-.5920	-.4980	

MACH (1) = 1.099 BETAT (2) = -4.190

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2670	.3240	.1770	.2820	.1420
.050	.0540	-.5550	-.7660	-.8640	-.8510
.150	-.0750	-.2110	-.4260	-.7130	-.7630
.300	-.1750	-.2230	-.3170	-.2710	-.5210
.520	-.2720	-.3350	-.2760	-.1730	-.1760
.650	-.4540	-.3510	-.2870	-.2220	-.6010
.775	-.3630	-.3130	-.2790	-.1910	-.4550
.900	-.3370	-.3370	-.2710	-.3290	-.4230

MACH (1) = 1.098 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5420	.4390	.2770	.3480	.1530
.050	.0550	-.2840	-.3820	-.2850	-.2240
.150	-.0260	-.1110	-.1810	-.0720	-.0970
.300	-.0990	-.0820	-.0980	-.1030	-.1230
.520	-.1510	-.1860	-.1410	-.0930	-.1180
.650	-.4830	-.2940	-.1480	-.1230	-.5810
.775	-.3210	-.2450	-.1750	-.1070	-.4020
.900	-.2230	-.1740	-.2830	-.3750	

MACH (1) = 1.098 BETAT (4) = 4.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3290	.3870	.2860	.2240	-.0090
.050	.0620	.0300	.1510	.1720	.1330
.150	.1190	.1470	.1220	.1110	.0440
.300	-.0180	.0610	.0450	.0460	-.0240
.520	-.0540	-.0350	-.0770	-.0230	-.0320
.650	-.3570	-.2150	-.0300	-.0130	-.4910
.775	-.3640	-.1300	-.1170	-.3540	
.900	-.1720	-.1000	-.2210	-.2060	

(RBM36)

AVES 11-757 1A9 Q2A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 8.260

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2540	.1900	.1300	.0130	-.2330
.050	.0920	.2610	.3420	.3380	.2790
.100	.0480	.2290	.2450	.2460	.1610
.150	.1290	.1870	.1400	.1690	.0710
.200	.0520	-.0170	.0060	.0610	.0180
.250	-.3120	-.1550	.0860	.0550	-.3910
.300	-.3710	-.0650	.0290	.0220	-.2850
.350		-.1440	-.0500	-.1610	-.2310

MACH (2) = 1.248 BETAT (1) = -8.150

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3100	.1430	.0220	.0670	.0910
.050	-.0020	-.5840	-.6920	-.6920	-.7340
.100	-.0750	-.2610	-.4930	-.6490	-.7360
.150	-.1600	-.1990	-.4440	-.4860	-.5810
.200	-.2670	-.2890	-.4020	-.3840	-.3440
.250	-.4030	-.3410	-.4040	-.3950	-.6290
.300	-.3410	-.3030	-.3960	-.3540	-.5110
.350		-.3060	-.3370	-.3810	-.5180

MACH (2) = 1.249 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3010	.3780	.2490	.3650	.2410
.050	.1320	-.3910	-.5620	-.6220	-.6270
.100	.0220	-.1050	-.3240	-.5000	-.5020
.150	-.0810	-.1240	-.2200	-.3440	-.3940
.200	-.1840	-.2300	-.1620	-.0790	-.0570
.250	-.3730	-.2970	-.1730	-.1060	-.4120
.300	-.3210	-.2600	-.1840	-.0760	-.2800
.350		-.2710	-.1830	-.1860	-.2730

MACH (2) = 1.249 BETAT (3) = .000

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5510	.5030	.3240	.3850	.2110
.050	.1030	-.1640	-.2630	-.2410	-.1690
.100	.0580	-.0140	-.0300	-.0050	.0060
.150	-.0180	-.0340	-.0450	-.0200	.0010
.200	-.0320	-.1030	-.0730	-.0140	.0060
.250	-.4150	-.1830	-.0610	-.0230	-.3980
.300	-.3820	-.2420	-.1020	-.0160	-.2430
.350		-.1840	-.1310	-.1450	-.2660

MACH (2) = 1.249 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3500	.4530	.3490	.3260	.1150
.050	.1180	.2260	.1830	.2310	.2100
.100	.0760	.1020	.1750	.1860	.1390
.150	.0420	.1210	.1230	.1270	.0850

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBM336)

AVES 11-707 1A9 OEA + S3 + T9 RIGHT VERTICAL

SECTION: (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.110		Z/BV	.158	.316	.600	.840	.925
		Y/CV					
		.520	.0050	.0020	.0250	.0680	.0820
		.650	-.2740	-.0980	.0550	.1020	-.3300
		.775	-.3100	-.0350	.0160	.0350	-.1750
		.900	-.1000	-.0030	.0030	-.0520	-.2440
MACH (2) = 1.245 BETAT (5) = 8.210		Z/BV	.158	.316	.600	.840	.925
		Y/CV					
		.000	.3250	.2770	.2340	.1240	-.0810
		.050	.1640	.2330	.3920	.4150	.3610
		.100	.1020	.2110	.3180	.3150	.2550
		.300	.0630	.2460	.2280	.2460	.1850
		.520	.0080	.0020	.0940	.1730	.1430
		.650	-.1240	-.0020	.1450	.1730	-.2170
		.775	-.3030	.0120	.1300	.1140	-.1330
		.900	-.0630	-.0030	.0760	-.0070	-.2030

DATE 2: SEP 73

TABULATED PRESSURE DATA - IASA

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AVES 11-707 IAS OBA + S3 + T9 RIGHT VERTICAL

(RBM337) (27 APR 73)

REFERENCE DATA

SEEF = 2.4210 SQ.FT. XREF = 29.5300 INCHES
 LREF = 39.3490 INCHES YREF = .0000 INCHES
 PREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) RIGHT VERTICAL

MACH (1) = 1.100 BETAT (1) = -8.180

DEPENDENT VARIABLE CP

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2950	.0240	-.1570	-.1330	-.0890
.050	-.1140	-.7170	-.7710	-.7680	-.8520
.100	-.2170	-.4070	-.7120	-.7180	-.7850
.150	-.2860	-.3250	-.6910	-.6730	-.7680
.200	-.3740	-.4130	-.5450	-.6370	-.7040
.250	-.4830	-.4160	-.5400	-.6010	-.7970
.300	-.775	-.4070	-.3690	-.4380	-.6980
.350		-.3840	-.3260	-.6380	-.5310

MACH (1) = 1.100 BETAT (2) = -4.080

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2580	.2890	.1380	.2360	.0950
.050	.0630	-.5550	-.7630	-.8690	-.8520
.100	-.1770	-.2300	-.4300	-.7280	-.7530
.150	-.1820	-.2450	-.3340	-.3160	-.3990
.200	-.2890	-.3410	-.2930	-.2050	-.2110
.250	-.4570	-.3690	-.3040	-.2520	-.5930
.300	-.775	-.3660	-.3160	-.2560	-.4680
.350		-.3470	-.2910	-.3670	-.4140

MACH (1) = 1.098 BETAT (3) = .010

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.5120	.4280	.2230	.2980	.1040
.050	.0310	-.3070	-.3850	-.3100	-.2520
.100	-.0450	-.1290	-.1100	-.0980	-.1210
.150	-.1230	-.1170	-.1210	-.1290	-.1480
.200	-.1730	-.1930	-.1630	-.1290	-.1460
.250	-.5110	-.3140	-.1760	-.1520	-.5950
.300	-.775	-.3210	-.2150	-.1440	-.4210
.350		-.2430	-.1950	-.2980	-.3960

MACH (1) = 1.100 BETAT (4) = 4.140

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2990	.3520	.2310	.1750	-.0550
.050	.0130	-.0130	.1130	.1350	.1020
.100	-.0390	-.0030	.1850	.0770	.0140
.150	-.1670	.0270	.0130	.0120	-.0510
.200	-.1150	-.1210	-.1100	-.0550	-.1640
.250	-.4110	-.2410	-.0690	-.0370	-.5110
.300	-.775	-.3580	-.1740	-.1560	-.3700
.350		-.1560	-.1100	-.0270	-.3330

PARAMETRIC DATA

ALPHAT = 6.000 ORBINC = .500
 RUDDER = -15.000 ELEVON = .000
 RUFLR = .000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 149A

PAGE 2872

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL (REMARKS)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.280

Z/BV Y/CV	.159	.316	.630	.840	.925
.000	.2540	.1570	.0990	-.0240	-.2750
.050	.0480	.1510	.3040	.3310	.2750
.100	-.0130	.1700	.2160	.2990	.1610
.150	.0480	.1490	.1150	.1800	.0740
.200	.0090	-.0290	.0460	.0760	.0320
.250	-.3650	-.1110	.1130	.0730	-.3460
.300	.775	-.1720	.0570	.1180	-.2370
.350		-.1220	-.0240	-.1230	-.2500

MACH (2) = 1.247 BETAT (1) = -9.130

Z/BV Y/CV	.158	.316	.630	.840	.925
.000	.3330	.1390	-.0160	.3230	.5550
.050	-.0080	-.5250	-.5910	-.6730	-.7350
.100	-.0950	-.2410	-.5320	-.6440	-.7370
.150	-.1570	-.2210	-.4530	-.5140	-.5550
.200	-.2610	-.3050	-.4120	-.3950	-.2500
.250	-.4240	-.3550	-.4120	-.3530	-.6170
.300	-.3430	-.3180	-.3750	-.3610	-.5230
.350		-.2240	-.3200	-.3340	-.5420

MACH (2) = 1.248 BETAT (2) = -4.150

Z/BV Y/CV	.158	.316	.630	.840	.925
.000	.3310	.3420	.2150	.3210	.2120
.050	.1420	-.3350	-.5640	-.6310	-.6270
.100	.0200	-.1250	-.3250	-.3120	-.5120
.150	-.1380	-.1490	-.2210	-.2150	-.3650
.200	-.1830	-.2370	-.1130	-.1350	-.0730
.250	-.1380	-.2520	-.1190	-.1170	-.4240
.300	.775	-.3110	-.2470	-.1320	-.3140
.350		-.2020	-.2140	-.2150	-.3090

MACH (2) = 1.247 BETAT (3) = .020

Z/BV Y/CV	.158	.316	.630	.840	.925
.000	.5610	.4240	.2750	.3350	.1710
.050	.0760	-.1370	-.2650	-.2470	-.1600
.100	.0450	-.0360	-.0570	-.0260	-.0280
.150	-.0350	-.1150	-.1120	-.0720	-.0470
.200	-.0360	-.1170	-.1140	-.0150	-.1140
.250	-.4540	-.1910	-.1730	-.0280	-.4120
.300	.775	-.3250	-.1150	-.0160	-.2530
.350		-.1930	-.1450	-.1110	-.2910

MACH (2) = 1.292 BETAT (4) = 4.120

Z/BV Y/CV	.159	.316	.630	.840	.925
.000	.3250	.4230	.3100	.2840	.0730
.050	.0720	.1130	.1570	.2100	.1640
.100	.0400	.1110	.1510	.1590	.1100
.150	-.0030	.1120	.1100	.1140	.1150

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2904

AXES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL (RBR037)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.252 BETAT (4) = 4.120

Z/BV	.158	.316	.630	.840	.925
X/CV					
	-.0240	-.0070	.0070	.0980	.0570
	-.3640	-.1090	.0000	.0940	-.3360
	-.3270	-.1510	-.0100	.0230	-.1990
	.900	-.1090	-.0240	-.0670	-.2700

MACH (2) = 1.247 BETAT (5) = 8.230

Z/BV	.158	.316	.630	.840	.925
X/CV					
	.000	.2940	.2570	.1960	.0820
	.050	.1200	.1830	.3560	.3270
	.150	.0620	.1410	.2830	.2850
	.300	.0430	.2080	.2030	.2230
	.500	.0640	.0710	.0710	.1440
	.650	-.3470	-.0480	.1140	.1560
	.775	-.3240	-.0480	.0940	.0610
	.900		-.0490	.0550	-.0030
					-.2160

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

A7S 11-707 .A9 02A + S3 - TO RIGHT VERTICAL

REVISION: 1 27 APR 73

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0000 SCALE

PAS/METRIC DATA

ALPHAT = 9.000 OBRINC = .500
 RUDDER = -15.000 ELEVTR = .000
 RUDDLR = .000

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (1) = 1.099 BETAT (1) = -8.170

7/BV X/CV	.159	.316	.600	.840	.925
.000	.3310	.0140	-.2040	-.2020	-.1500
.050	-.1210	-.7070	-.7860	-.7950	-.7790
.100	-.2320	-.3700	-.7340	-.7210	-.7550
.150	-.3130	-.3550	-.7130	-.7150	-.7870
.200	-.3740	-.4230	-.5350	-.6590	-.7540
.250	-.4020	-.4360	-.4730	-.6220	-.8100
.300	-.4220	-.3890	-.3540	-.5420	-.6750
.350		-.4790	-.3330	-.6560	-.5540

MACH (1) = 1.099 BETAT (2) = -4.070

7/BV X/CV	.159	.316	.600	.840	.925
.000	.2340	.2660	.0930	.1930	.7620
.050	.0740	-.5420	-.7610	-.8710	-.8590
.100	-.0720	-.2540	-.4310	-.7310	-.7810
.150	-.1690	-.2670	-.3590	-.3510	-.3580
.200	-.2890	-.3510	-.3000	-.2390	-.2220
.250	-.4950	-.4010	-.3160	-.2790	-.5920
.300	-.3740	-.3390	-.3050	-.2330	-.4790
.350		-.3610	-.3060	-.3560	-.4370

MACH (2) = 1.099 BETAT (3) = .020

7/BV X/CV	.159	.316	.600	.840	.925
.000	.4930	.3930	.1770	.2610	.0580
.050	.0690	-.3130	-.4030	-.3110	-.2570
.100	-.0700	-.1520	-.1370	-.1180	-.1430
.150	-.1460	-.1490	-.1450	-.1440	-.1670
.200	-.1680	-.2160	-.1820	-.1490	-.1660
.250	-.5320	-.2260	-.3920	-.1730	-.6010
.300	-.3270	-.2940	-.2290	-.1790	-.4230
.350		-.2550	-.2210	-.3150	-.3230

MACH (3) = 1.095 BETAT (4) = 4.160

7/BV X/CV	.159	.316	.600	.840	.925
.000	.2610	.3190	.1970	.1340	-.0970
.050	-.0420	-.0430	.0810	.1190	.1290
.100	-.0820	-.1410	.0610	.0790	.0440
.150	-.1110	.0050	-.0030	.0630	.0110
.200	-.1270	-.1260	.0920	.0440	-.0940
.250	-.4460	-.2320	-.1110	.0030	-.4530
.300	-.3370	-.1110	-.1110	-.0250	-.3590
.350		-.1130	-.0740	-.0960	-.3710

AXES 11-707 1A9 O2A + S3 + T9 RIGHT VERTICAL

(RBM338)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (5) = 8.310

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2550	.1350	.0450	-.0870	-.3110
.050	.0080	.0880	.2780	.3190	.2620
.100	-.0440	.1300	.1960	.2380	.1480
.150	-.0110	.1230	.1210	.1690	.0640
.200	-.0100	.0340	.0410	.0670	.0180
.250	-.4950	-.1680	.0930	.0610	-.3520
.300	-.3730	-.0360	.0310	.0660	-.2380
.350	-.1350	-.0360	-.1090	-.2380	-.2380

MACH (2) = 1.245 BETAT (1) = -8.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4300	.1220	-.0540	-.0190	.0410
.050	-.0910	-.5050	-.6070	-.6610	-.7150
.100	-.1070	-.2640	-.5080	-.6430	-.7110
.150	-.1770	-.2430	-.4880	-.5080	-.5280
.200	-.2520	-.3130	-.4020	-.4380	-.4120
.250	-.4280	-.3700	-.3880	-.4220	-.5910
.300	-.3420	-.3350	-.4180	-.5430	-.5430
.350	-.3450	-.3010	-.4620	-.5450	-.5450

MACH (2) = 1.251 BETAT (2) = -4.040

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3010	.3270	.1700	.2800	.1880
.050	.1590	-.3680	-.5480	-.6270	-.6140
.100	.0290	-.2450	-.3180	-.5200	-.5250
.150	-.0880	-.1730	-.2340	-.2160	-.3410
.200	-.1860	-.2280	-.1890	-.1080	-.0660
.250	-.4570	-.3010	-.2020	-.1270	-.4250
.300	-.3320	-.2580	-.2170	-.1090	-.3180
.350	-.2820	-.2160	-.2190	-.3220	-.3220

MACH (2) = 1.246 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5370	.4680	.2410	.2980	.1710
.050	.0550	-.2170	-.2760	-.2630	-.1680
.100	.0270	-.0540	-.0770	-.0440	-.0200
.150	-.0540	-.0800	-.0850	-.0400	-.0440
.200	-.1170	-.1330	-.1050	-.0220	-.0380
.250	-.4830	-.2040	-.1980	-.0330	-.4170
.300	-.3270	-.2630	-.1270	-.0590	-.2780
.350	-.2150	-.1610	-.1660	-.3100	-.3100

MACH (2) = 1.245 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3080	.3880	.2630	.2410	.0740
.050	.0310	.0680	.1140	.1980	.1850
.100	.0030	.0310	.1210	.1580	.1150
.150	-.0430	.0450	.0770	.1110	.0570

D.T.F. 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 IA9 OCA + S3 + T9 RIGHT VERTICAL

(RBR338)

SECTION (1) RIGHT VERTICAL		DEPENDENT VARIABLE CP			
MACH (2) = 1.245	BETAT (4) = 4.130	Z/BV	.158	.316	.600
		X/CV			.840
		.520	-.0510	-.0290	-.0110
		.650	-.4260	-.1170	.0140
		.775	-.3370	-.1740	-.0240
		.900	-.1270	-.0380	-.0830
					-.2980
					.925
MACH (2) = 1.245 BETAT (5) = 8.250		Z/BV	.158	.316	.600
		X/CV			.840
		.000	.3670	.2370	.1520
		.150	.0980	.1470	.3160
		.300	.0360	.0880	.2530
		.450	-.0060	.1650	.1760
		.600	.0330	.0510	.0470
		.750	-.4360	-.0640	.0860
		.900	-.3460	-.0990	.0560
					.0480
					-.0710
					.0330
					-.0140
					-.2290

DATE 2: SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBM39) (27 APR 73)

REFERENCE DATA

SREF = 2.4215 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUFLR = .000

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE QP

MACH (1) = 1.105 BETAT (1) = -8.180

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2800	.0890	.0390	.2090	.2400
.050	-.4470	-.6440	-.7290	-.9140	-.9700
.100	-.1050	-.6650	-.6370	-.8330	-.9240
.150	-.1730	-.5660	-.5760	-.6550	-.7670
.200	-.2380	-.2430	-.5980	-.6010	-.5460
.250	-.4740	-.6570	-.7370	-.8060	-.8400
.300	-.4290	-.4410	-.6930	-.8330	-.8140
.350		-.4340	-.6000	-.6520	-.7340

MACH (1) = 1.097 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6320	.4830	.3860	.5360	.4120
.050	-.1920	-.3250	-.6950	-.8490	-.8950
.100	.0110	-.2520	-.4120	-.6820	-.6820
.150	-.0420	-.1020	-.2240	-.5140	-.5390
.200	-.1370	-.1760	-.2070	-.1390	-.1250
.250	-.4450	-.6050	-.5800	-.5790	-.6290
.300	-.4030	-.4950	-.5800	-.5430	-.6240
.350		-.4400	-.6000	-.5930	-.4570

MACH (1) = 1.096 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7160	.6280	.5730	.6320	.4490
.050	.1630	-.1440	-.1920	-.1630	-.1380
.100	.1190	.0770	.1070	.0770	.0620
.150	.0850	.0890	.0630	.0180	.0230
.200	.0060	-.0570	-.0280	-.0400	-.0590
.250	-.3650	-.5280	-.5570	-.5570	-.6280
.300	-.3820	-.3790	-.5210	-.5180	-.6150
.350		-.3780	-.5160	-.5620	-.4460

MACH (1) = 1.104 BETAT (4) = 4.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.0000	.0000	.0000	.0000	.0000
.050	.0000	.0000	.0000	.0000	.0000
.100	.0000	.0000	.0000	.0000	.0000
.150	.0000	.0000	.0000	.0000	.0000
.200	.0000	.0000	.0000	.0000	.0000
.250	.0000	.0000	.0000	.0000	.0000
.300	.0000	.0000	.0000	.0000	.0000
.350		.0000	.0000	.0000	.0000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 Q2A + S3 + T9 RIGHT VERTICAL

(R84839)

SECTION: (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099	BETAT (5) = 8.310	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.0930	.3230	.3620	.2920	.0320
		.050	.5870	.5950	.5640	.5340	.4440
		.100	.4990	.4890	.4480	.4110	.3110
		.300	.4320	.3910	.3320	.2700	.1790
		.520	.2420	.1110	.0510	.0260	-.0490
		.650	-.1620	-.3910	-.4520	-.4810	-.5850
		.775	-.3150	-.1750	-.3080	-.3720	-.4470
		.900		-.2800	-.1710	-.3610	-.3680

MACH (2) = 1.251 BETAT (1) = -8.120

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3570	.2450	.1990	.3260	.3570
.050	-.3160	-.4240	-.5200	-.6920	-.7400
.100	-.0780	-.4400	-.4960	-.6360	-.6580
.300	-.0890	-.4100	-.3410	-.5420	-.5370
.520	-.1720	-.2020	-.3840	-.4100	-.4090
.650	-.3560	-.4630	-.5820	-.5540	-.6470
.775	-.3450	-.3600	-.5040	-.5920	-.6530
.900		-.3440	-.4720	-.5870	-.5720

MACH (2) = 1.249 BETAT (2) = -4.050

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.6740	.5560	.4380	.5980	.5040
.050	-.1670	-.3400	-.5410	-.5890	-.5910
.100	.1110	-.1580	-.3910	-.4500	-.4500
.300	.0510	-.0840	-.0980	-.3560	-.3350
.520	-.0540	-.0670	-.0780	-.0580	-.2100
.650	-.3200	-.4270	-.4190	-.3660	-.4540
.775	-.3270	-.4100	-.3940	-.3410	-.4180
.900		-.3500	-.4050	-.3940	-.2920

MACH (2) = 1.246 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.7940	.6970	.6110	.6760	.5110
.050	.1970	-.0390	-.1830	-.1310	-.0650
.100	.2100	.1430	.1460	.1610	.1660
.300	.1410	.1390	.1190	.1230	.1150
.520	.0710	.0420	.0420	.0650	.0610
.650	-.2730	-.3570	-.3480	-.3410	-.4140
.775	-.3120	-.3040	-.3400	-.3290	-.4170
.900		-.2800	-.3400	-.3710	-.2960

MACH (2) = 1.246 BETAT (4) = 4.130

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.5720	.6530	.6080	.5670	.3550
.050	.4370	.3670	.4040	.4260	.3850
.100	.3380	.2460	.3660	.3650	.3050
.300	.2990	.3110	.2860	.2740	.2060

(R294539)

AVES 11-707 1A7 08A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.600	.840	.925
.520	.1980	.1590	.1470	.1060	.0670
.650	-.1800	-.3000	-.3190	-.3250	-.4170
.775	-.2780	-.1680	-.2670	-.2990	-.4060
.900		-.2030	-.2380	-.3210	-.2930

MACH (2) = 1.245 BETAT (5) = 8.250

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1930	.4520	.4760	.3980	.1540
.050	.5610	.6180	.6190	.6190	.5300
.150	.4840	.5290	.5170	.4920	.4060
.300	.4580	.4560	.4130	.3710	.2820
.520	.3230	.2350	.1820	.1520	.0580
.650	-.0790	-.2380	-.2860	-.3030	-.3960
.775	-.2470	-.0540	-.1870	-.2430	-.3020
.900		-.1460	-.0630	-.2360	-.2360

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OCA + S3 + T9 RIGHT VERTICAL (RBM440) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBSINC = -3.5
RUDDER = -5.000 ELEVON = .000
RUOFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

MACH (1) = 1.101 BETAT (1) = -8.190
Z/BV .316 .600 .840 .925
X/CV .000 .3010 .0920 .1220 .1470
.050 .-2710 .-6770 .-7350 .-8990 .-9730
.150 .-1420 .-6860 .-6810 .-7930 .-9330
.300 .-2190 .-3480 .-6040 .-6660 .-7730
.520 .-3250 .-3110 .-6140 .-6300 .-5700
.650 .-4580 .-7110 .-7420 .-8450 .-8410
.775 .-4280 .-4340 .-7370 .-7570 .-8580
.900 .-4320 .-6260 .-6070 .-6910

MACH (1) = 1.101 BETAT (2) = -4.080

Z/BV .316 .600 .840 .925
X/CV .000 .5730 .4410 .3230 .4320 .3220
.050 .-0220 .-5490 .-7630 .-8510 .-8590
.150 .-0330 .-2510 .-3750 .-6920 .-6890
.300 .-1080 .-1360 .-2510 .-4230 .-5150
.520 .-1920 .-2250 .-2260 .-1630 .-1550
.650 .-4520 .-6500 .-5820 .-6030 .-6380
.775 .-3980 .-4530 .-6150 .-5670 .-6380
.900 .-4310 .-6220 .-6090 .-6890

MACH (1) = 1.101 BETAT (3) = .020

Z/BV .316 .600 .840 .925
X/CV .000 .6890 .5520 .4670 .5460 .3510
.050 .1310 .-1970 .-2870 .-1870 .-1360
.150 .0620 .0080 .0340 .0280 .0151
.300 .0110 .0210 .0110 .-0190 .-0240
.520 .-0560 .-0930 .-0730 .-0820 .-1110
.650 .-4050 .-5500 .-5680 .-5750 .-6520
.775 .-3880 .-4320 .-5430 .-5440 .-6380
.900 .-3900 .-5310 .-5960 .-4930

MACH (1) = 1.099 BETAT (4) = 4.140

Z/BV .316 .600 .840 .925
X/CV .000 .5030 .5270 .4490 .3930 .1580
.050 .2880 .2410 .2870 .3000 .2370
.150 .2050 .2330 .2360 .2230 .1450
.300 .1910 .1950 .2480 .2170 .1620
.520 .0720 .-1160 .-0240 .-1590 .-1890
.650 .-3190 .-4960 .-5390 .-5510 .-6520
.775 .-3710 .-3130 .-4540 .-5030 .-5960
.900 .-3470 .-4100 .-5240 .-5120

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

(REMARKS)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.106	BETAT (5) = 8.260	Z/BV X/CV	.158	.316	.670	.840	.925
		.000	.1530	.2870	.2940	.2120	-.0530
		.050	.4250	.4950	.4900	.4710	.3870
		.150	.3670	.4080	.3810	.3500	.2560
		.300	.3340	.3280	.2800	.2190	.1270
		.520	.1820	.0750	.0190	-.0110	-.1040
		.650	-.1950	-.4150	-.4710	-.5030	-.6010
		.775	-.3170	-.1980	-.3280	-.4070	-.4720
		.900		-.3010	-.2020	-.3720	-.4030

MACH (2) = 1.244 BETAT (1) = -8.150

Z/BV X/CV	.158	.316	.670	.840	.925
.000	.2700	.2280	.1420	.2590	.2670
.050	-.0730	-.4470	-.5370	-.7010	-.7530
.150	-.0580	-.4630	-.4900	-.6580	-.6990
.300	-.1050	-.3220	-.3710	-.5360	-.5690
.520	-.2180	-.1820	-.3930	-.4140	-.4300
.650	-.3720	-.5130	-.5570	-.6150	-.6550
.775	-.3530	-.3500	-.5230	-.6390	-.6480
.900		-.3450	-.4990	-.5880	-.5950

MACH (2) = 1.245 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.670	.840	.925
.000	.4990	.5090	.4130	.5160	.4080
.050	.1310	-.3510	-.5460	-.6560	-.6110
.150	.0870	-.1780	-.3320	-.4750	-.4780
.300	.0100	-.0220	-.1330	-.3670	-.3590
.520	-.1230	-.1270	-.1270	-.1920	-.0690
.650	-.3350	-.4850	-.6310	-.4050	-.4480
.775	-.3410	-.3560	-.4330	-.3740	-.4190
.900		-.3410	-.4440	-.4220	-.3080

MACH (2) = 1.248 BETAT (3) = .010

Z/BV X/CV	.158	.316	.670	.840	.925
.000	.7600	.6280	.5110	.5790	.4090
.050	.1840	-.0670	-.1980	-.1590	-.0760
.150	.1670	.0920	.0940	.1140	.1120
.300	.0930	.0820	.0700	.0820	.0680
.520	.1180	-.0120	-.0520	.0220	.0270
.650	-.3060	-.3850	-.3690	-.3610	-.4210
.775	-.3130	-.3440	-.3640	-.3610	-.4340
.900		-.2930	-.3600	-.3920	-.3270

MACH (2) = 1.252 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.670	.840	.925
.000	.4630	.6010	.5250	.4830	.2680
.050	.3670	.2800	.3380	.3680	.3370
.150	.2750	.2740	.3190	.3080	.2560
.300	.2250	.2560	.2410	.2390	.1640

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A

AVES 11-707 IA9 OCA + S3 + T9 RIGHT VERTICAL (PENS40)

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = 1.252	SETAT (4) = 4.110	Z/BV	.158	.316	.600	.040	.925
		X/CV					
		.520	.1440	.1200	.1080	.0760	.0330
		.650	-.1950	-.3160	-.3360	-.3420	-.4360
		.775	-.2740	-.2050	-.2850	-.3250	-.3970
		.900		-.2240	-.2550	-.3340	-.3520
MACH (2) = 1.250	BETAT (5) = 8.210	Z/BV	.158	.316	.600	.040	.925
		X/CV					
		.520	.1480	.4070	.4070	.3160	.0710
		.650	.3350	.5130	.5530	.5480	.4780
		.775	.3510	.4470	.4580	.4420	.3570
		.900	.3580	.3990	.3570	.3290	.2350
		.520	.2610	.1970	.1520	.1190	.0250
		.650	-.0970	-.2560	-.3030	-.3250	-.4190
		.775	-.2400	-.0880	-.2060	-.2690	-.3260
		.900		-.1590	-.0950	-.2480	-.2500

DATE 2: SEP 73

INSULATED PRESSURE DATA - IASA

PAGE 2914

AXES 11-707 IAS O2A + S3 + T9 RIGHT VERTICAL

(BME41) (27 APR 73)

REFERENCE DATA

STEP = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0350 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .500
 RUPLER = .000

SECTION (1) RIGHT VERTICAL

MACH (1) = 1.101 BETAT (1) = -8.200

DEPENDENT VARIABLE CP

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.2900	.0750	-.0760	.0250	.0410
.050	-.0880	-.7040	-.7760	-.8630	-.9970
.100	-.1560	-.6810	-.7590	-.7930	-.9450
.150	-.2500	-.2340	-.6520	-.6690	-.7280
.200	-.3720	-.3480	-.6270	-.6780	-.5340
.250	-.4810	-.6880	-.7540	-.9170	-.8890
.300	-.4490	-.4500	-.7510	-.7080	-.8410
.350		-.4460	-.6820	-.5730	-.6370

MACH (1) = 1.099 BETAT (2) = -4.090

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3610	.3940	.2620	.3620	.2390
.050	.0980	-.5500	-.7720	-.8620	-.8650
.100	-.0720	-.2520	-.4050	-.7050	-.7070
.150	-.1600	-.1710	-.2730	-.3050	-.8260
.200	-.2440	-.2590	-.2670	-.1970	-.9970
.250	-.4740	-.6830	-.6040	-.6270	-.9810
.300	-.4030	-.4180	-.6330	-.5950	-.6490
.350		-.4100	-.6420	-.6320	-.5440

MACH (1) = 1.100 BETAT (3) = .020

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.6300	.4960	.3750	.4580	.2630
.050	.1150	-.2400	-.3330	-.2290	-.1610
.100	.0200	-.0490	-.0170	-.0120	-.1280
.150	-.0470	-.0380	-.0400	-.0450	-.1680
.200	-.1090	-.1230	-.1080	-.1180	-.2360
.250	-.4200	-.5760	-.5780	-.5870	-.6590
.300	-.3720	-.3170	-.5540	-.5640	-.6430
.350		-.3980	-.5370	-.5950	-.5240

MACH (1) = 1.100 BETAT (4) = 4.130

Z/BV X/CV	.158	.316	.630	.840	.925
.000	.3240	.4690	.3770	.3130	.1870
.050	.1910	.1540	.2320	.2510	.2030
.100	.1180	.1710	.2890	.1820	.1770
.150	.1110	.1440	.1160	.1670	.0090
.200	.1690	-.0330	-.0500	-.0880	-.1270
.250	-.3150	-.3060	-.5440	-.5610	-.6570
.300	-.3750	-.3300	-.4740	-.5240	-.6490
.350		-.3550	-.4150	-.5260	-.5310

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(20V241)

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION: (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = 1.100	BETAT (5) = 8.250	Z/BV X/CV	.158	.316	.600	.840	.925
.000		.2040	.2040	.2040	.2060	.1040	-.1540
.050		.2970	.4050	.4230	.4070	.4070	.3250
.100		.2470	.3320	.3150	.2350	.2350	.1970
.150		.2560	.2680	.2170	.1700	.1700	.0680
.200		.1280	.0400	-.0290	-.0640	-.0640	-.1620
.250		-.2500	-.4550	-.5110	-.5420	-.6410	-.8410
.300		-.3480	-.2490	-.3540	-.4510	-.5150	-.6150
.350			-.3350	-.2460	-.2040	-.2430	-.4430

MACH (2) = 1.247 BETAT (1) = -8.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3160	.1900	.1000	.1850	.1910
.050	-.0760	-.4910	-.5590	-.7160	-.7840
.100	-.0490	-.4530	-.5140	-.6570	-.6890
.150	-.1270	-.1380	-.3780	-.5770	-.5780
.200	-.2190	-.2310	-.3630	-.4110	-.4580
.250	-.3910	-.5550	-.5200	-.6140	-.6580
.300	-.3570	-.3380	-.5190	-.5370	-.6820
.350		-.3610	-.5210	-.5730	-.6130

MACH (2) = 1.251 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3690	.4560	.3430	.4450	.3250
.050	.1360	-.3720	-.5520	-.6130	-.6210
.100	.0340	-.1650	-.3410	-.4850	-.4830
.150	-.0490	-.0660	-.1630	-.3770	-.3720
.200	-.1280	-.1510	-.2500	-.0910	-.1150
.250	-.3560	-.5120	-.4330	-.4130	-.4610
.300	-.3370	-.3530	-.4520	-.3920	-.4320
.350		-.3480	-.4540	-.4240	-.3370

MACH (2) = 1.246 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.6690	.5720	.4320	.4560	.3590
.050	.1600	-.1100	-.2160	-.1740	-.1290
.100	.1220	.0460	.0300	.0730	.1620
.150	.0510	.0340	.0320	.0450	.1280
.200	-.0320	-.0410	-.0350	-.0170	-.1130
.250	-.3250	-.4080	-.3820	-.3720	-.4450
.300	-.3210	-.3750	-.3520	-.3520	-.4370
.350		-.3200	-.3750	-.4130	-.3500

MACH (2) = 1.247 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3450	.5380	.4450	.4530	.1980
.050	.2420	.2090	.2760	.3220	.2930
.100	.1860	.1990	.2500	.2550	.2170
.150	.1440	.1940	.1950	.2040	.1280

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(REVISED) (27 APR 73)

REFERENCE DATA

SEEF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREP = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) RIGHT VERTICAL

MACH (1) = 1.101 BETAT (1) = -8.190

DEPENDENT VARIABLE CP

Z/BV	X/CV	316	.600	.840	.925
.000	.2750	.0420	-.1280	-.0650	-.0450
.050	-.1060	-.7130	-.7650	-.8120	-.9130
.100	-.1800	-.4420	-.7040	-.7290	-.8370
.150	-.2560	-.2930	-.6790	-.6800	-.7910
.200	-.3790	-.3580	-.6080	-.6820	-.5510
.250	-.4680	-.5990	-.7310	-.7710	-.6310
.300	-.4310	-.4660	-.7520	-.6210	-.7270
.350		-.4590	-.6410	-.5010	-.5320

MACH (1) = 1.102 BETAT (2) = -4.090

Z/BV	X/CV	316	.600	.840	.925
.000	.2680	.3250	.1720	.2830	.2410
.050	.0560	-.5540	-.7620	-.8620	-.8450
.100	-.0790	-.2200	-.4190	-.7180	-.7450
.150	-.2790	-.2220	-.3170	-.2720	-.5030
.200	-.2710	-.3120	-.3100	-.2170	-.2050
.250	-.4480	-.5480	-.6070	-.6290	-.6350
.300	-.3830	-.4410	-.6460	-.6170	-.8450
.350		-.3990	-.5670	-.6360	-.5720

MACH (1) = 1.099 BETAT (3) = .020

Z/BV	X/CV	316	.600	.840	.925
.000	.5420	.4460	.2780	.2490	.1190
.050	.0710	-.2810	-.3690	-.2750	-.2050
.100	-.0200	-.2000	-.0780	-.0640	-.0770
.150	-.0690	-.0960	-.0830	-.0950	-.1150
.200	-.1810	-.1630	-.1430	-.1600	-.1810
.250	-.4760	-.5990	-.5370	-.5940	-.6790
.300	-.3890	-.4380	-.5660	-.5970	-.6810
.350		-.4090	-.5230	-.6040	-.5450

MACH (1) = 1.099 BETAT (4) = 4.140

Z/BV	X/CV	316	.600	.840	.925
.000	.3260	.3830	.2710	.2140	-.0450
.050	.0490	.0340	.2410	.1760	.1400
.100	.0000	.0460	.1180	.2140	.1470
.150	-.0180	.0630	.0430	.0340	-.0410
.200	-.0620	-.0950	-.0950	-.1250	-.1270
.250	-.3620	-.5410	-.5770	-.6250	-.7110
.300	-.3890	-.3740	-.5130	-.5600	-.6170
.350		-.3890	-.4270	-.5230	-.5720

PARAMETRIC DATA

ALPHAT = 4.000 OBRINT = .500
 RUMPR = -9.000 ELEVON = .000
 RUMPL = .000

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1AS Q2A + S3 + T5 RIGHT VERTICAL

(20642)

SECTION (3) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (1) = 1.103 BETAT (5) = 0.260

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2500	.1900	.1280	.0110	-.2040
.050	.1130	.2650	.3490	.3350	.2680
.100	.0660	.2410	.2630	.2270	.1350
.150	.0350	.1980	.1490	.1160	.0240
.200	.0050	.1050	-.0700	-.1680	-.2090
.250	-.3100	-.4820	-.5380	-.5670	-.6680
.300	-.3720	-.2500	-.3940	-.4780	-.5450
.350		-.3580	-.2850	-.4310	-.4680

MACH (2) = 1.245 BETAT (1) = -0.140

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3040	.2420	.0150	.0680	.0870
.050	-.0040	-.5350	-.5860	-.6820	-.7480
.100	-.0890	-.2730	-.4980	-.6800	-.7380
.150	-.1670	-.2040	-.4410	-.5700	-.6340
.200	-.2730	-.2750	-.4430	-.4830	-.3870
.250	-.4120	-.5350	-.5500	-.6450	-.6840
.300	-.3780	-.4530	-.5670	-.5820	-.6560
.350		-.3990	-.5600	-.5620	-.6020

MACH (2) = 1.246 BETAT (2) = -4.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2970	.3780	.2440	.3720	.2410
.050	.1290	-.3950	-.5440	-.6240	-.5300
.100	.0180	-.2100	-.3180	-.3050	-.4820
.150	-.0320	-.2270	-.2080	-.3250	-.3750
.200	-.1850	-.2150	-.1920	-.3140	-.0820
.250	-.3660	-.5120	-.4440	-.4280	-.4870
.300	-.3430	-.3410	-.4690	-.4280	-.4580
.350		-.3460	-.4810	-.4460	-.3320

MACH (2) = 1.249 BETAT (3) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5460	.5050	.3220	.3780	.2550
.050	.1020	-.1570	-.2570	-.2810	-.1540
.100	.0590	-.0150	-.0280	-.0700	-.0950
.150	-.0270	-.0370	-.0440	-.0460	.0000
.200	-.0800	-.0910	-.0350	-.0650	-.0510
.250	-.4110	-.4470	-.4210	-.4040	-.4710
.300	-.3320	-.4070	-.4120	-.4040	-.4540
.350		-.3460	-.4120	-.4150	-.3910

MACH (2) = 1.247 BETAT (4) = 4.110

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3530	.4470	.3910	.3240	.1050
.050	.1160	.1270	.1930	.2350	.2250
.100	.0750	.1020	.1800	.2310	.1530
.150	.0410	.1190	.2230	.1290	.0590

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REV 42)

ANES 11-707 1A9 Q2A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

Z/BV	.158	.316	.600	.840	.925
X/CV	.0040	.0110	.0120	.0130	-.0100
.520	-.2700	-.3730	-.3880	-.3790	-.4760
.650	-.3130	-.2860	-.3470	-.3720	-.4310
.775		-.2860	-.3160	-.3580	-.3770
.900					

MACH (2) = 1.246 BETAT (5) = 8.210

Z/BV	.158	.316	.600	.840	.925
X/CV	.3300	.2740	.2360	.1250	-.0790
.000	.1650	.2360	.3950	.4060	.3630
.150	.1050	.2140	.3150	.3120	.2400
.300	.1000	.2440	.2290	.2150	.1340
.520	.1060	.0940	.0670	.0370	-.0490
.650	-.2350	-.3180	-.3540	-.3660	-.4600
.775	-.3060	-.1970	-.2610	-.3310	-.3840
.900		-.2320	-.2330	-.2740	-.3040

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(RBMS43) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUDFLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE QP

MACH (1) = 1.101 BETAT (1) = -8.160

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3220	.0180	-.2040	-.1960	-.1510
.050	-.1200	-.7050	-.7850	-.8060	-.8690
.150	-.2380	-.3720	-.7280	-.7280	-.8620
.300	-.3130	-.3510	-.7090	-.7310	-.7760
.520	-.3740	-.3990	-.5440	-.7500	-.6710
.650	-.4880	-.6040	-.6780	-.7800	-.8950
.775	-.4420	-.5010	-.7120	-.6960	-.7390
.900		-.5010	-.5540	-.6250	-.5820

MACH (1) = 1.097 BETAT (2) = -4.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2330	.2650	.0950	.1990	.0530
.050	.0820	-.5300	-.7560	-.8620	-.8640
.150	-.0690	-.2510	-.4290	-.7260	-.7820
.300	-.1930	-.2740	-.3600	-.3430	-.3560
.520	-.2870	-.3230	-.3220	-.2690	-.2620
.650	-.4980	-.6180	-.4000	-.6280	-.6810
.775	-.3930	-.4540	-.6670	-.6290	-.6690
.900		-.4560	-.5570	-.6550	-.6090

MACH (1) = 1.101 BETAT (3) = .010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4850	.3980	.1750	.2460	.0510
.050	-.0780	-.3070	-.4090	-.3140	-.2680
.150	-.0780	-.1570	-.1380	-.1230	-.1350
.300	-.1510	-.1530	-.1460	-.1470	-.1680
.520	-.1910	-.1970	-.2020	-.2140	-.2340
.650	-.5500	-.6220	-.6210	-.6320	-.7110
.775	-.3790	-.4770	-.6030	-.6240	-.6710
.900		-.4240	-.5900	-.6280	-.6020

MACH (1) = 1.099 BETAT (4) = 4.150

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2660	.3180	.1880	.1240	-.1070
.050	-.0380	-.0480	.0710	.1200	.1100
.150	-.0830	-.0450	.0520	.0690	.0130
.300	-.1150	-.0040	-.0170	.0070	-.0650
.520	-.1330	-.1260	-.1330	-.1520	-.1910
.650	-.4650	-.5580	-.5930	-.6130	-.7110
.775	-.4000	-.4070	-.4780	-.5620	-.6090
.900		-.3990	-.3740	-.5070	-.5570

AVES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL (RBM443)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.300

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2480	.1260	.0380	-.0960	-.3090
.050	.0080	.0790	.2830	.3020	.2390
.150	-.0460	.1360	.2070	.1990	.1130
.300	-.0080	.1270	.1260	.1020	-.0120
.520	-.0150	-.0330	-.0920	-.1220	-.2110
.650	-.4490	-.4880	-.5370	-.5710	-.6760
.775	-.3950	-.2740	-.3290	-.4710	-.5260
.900		-.3590	-.2740	-.3220	-.3720

MACH (2) = 1.245 BETAT (1) = -8.110

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.4270	.1300	-.0400	-.0170	.0460
.050	-.0290	-.5060	-.6050	-.6680	-.7230
.150	-.1040	-.2620	-.5020	-.6440	-.7320
.300	-.1780	-.2450	-.4860	-.5300	-.5490
.520	-.2540	-.2960	-.4110	-.5060	-.4020
.650	-.4260	-.5560	-.5300	-.5900	-.7070
.775	-.3700	-.4200	-.5560	-.5800	-.6470
.900		-.4270	-.5620	-.5830	-.5890

MACH (2) = 1.269 BETAT (2) = -4.040

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.2930	.3210	.1690	.2730	.1860
.050	.1560	-.3700	-.5460	-.6250	-.6140
.150	.0270	-.1500	-.3240	-.5180	-.5240
.300	-.0880	-.1780	-.2300	-.2100	-.3260
.520	-.1890	-.2180	-.2790	-.1570	-.2310
.650	-.4420	-.4910	-.4640	-.4400	-.4950
.775	-.3380	-.3690	-.4900	-.4540	-.4820
.900		-.3930	-.4980	-.4680	-.4380

MACH (2) = 1.246 BETAT (3) = .020

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.5360	.4670	.2330	.2990	.1680
.050	.0490	-.2050	-.2800	-.2490	-.1640
.150	.0260	-.0560	-.0770	-.0480	-.0050
.300	-.0570	-.0810	-.0830	-.0350	-.0360
.520	-.1200	-.1270	-.1150	-.0750	-.0890
.650	-.4830	-.4550	-.4350	-.4160	-.4950
.775	-.3450	-.4430	-.4250	-.4240	-.4810
.900		-.3720	-.4230	-.4330	-.4250

MACH (2) = 1.245 BETAT (4) = 4.130

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3140	.3890	.2670	.2380	.0660
.050	.0290	.0560	.1180	.1710	.1860
.150	-.0010	.0270	.1210	.1370	.1240
.300	-.0460	.0450	.0770	.1050	.0390

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(88X43)

AXES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = 1.245	BETAT (4) = 4.130	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.520	-.0550	-.0220	-.0330	-.0310	-.0680
		.650	-.4240	-.3880	-.4140	-.4050	-.5060
		.775	-.3400	-.3770	-.3670	-.4080	-.4850
		.900		-.3140	-.3250	-.3800	-.4150
MACH (2) = 1.246	BETAT (5) = 8.250	Z/BV	.158	.316	.600	.840	.925
		X/CV					
		.000	.3570	.2290	.1490	.0360	-.1210
		.050	.0960	.1390	.3160	.3350	.3040
		.150	.0320	.0920	.2510	.2780	.2130
		.300	-.0050	.1630	.1720	.1790	.1130
		.520	.0260	.0530	.0240	.0180	-.0860
		.650	-.4350	-.3410	-.3800	-.3820	-.4790
		.775	-.3380	-.3070	-.2900	-.3500	-.3880
		.900		-.2750	-.2520	-.2890	-.3270

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2823

AVES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

(REMARK) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

BETAT = .000 OFSINC = -1.200
 RUDDER = .000 ELEVON = .000
 RUDDLR = .000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .600 ALPHAT(1) = -8.050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5240	.5230	.4790	.5580	.3890
.050	.0210	-.1180	-.1920	-.2710	-.1850
.100	-.0020	-.0550	-.1070	-.1260	-.1160
.150	-.0510	-.1030	-.1170	-.1870	-.1650
.200	-.2370	-.3620	-.3950	-.3650	-.3390
.250	-.3710	-.5020	-.5100	-.4380	-.4760
.300	-.2890	-.2660	-.2220	-.2230	-.1130
.350	-.1650	-.1000	-.0680	-.0110	

MACH (1) = .600 ALPHAT(2) = -5.990

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5040	.5020	.4520	.5230	.3550
.050	-.0040	-.1340	-.1860	-.3180	-.2410
.100	-.0270	-.0660	-.1170	-.1670	-.1490
.150	-.0820	-.1170	-.2230	-.2320	-.2010
.200	-.2460	-.3580	-.4920	-.4490	-.4190
.250	-.3750	-.5010	-.6180	-.5510	-.6020
.300	-.2830	-.2630	-.2740	-.2720	-.1780
.350	-.1670	-.1270	-.0820	-.0140	

MACH (1) = .598 ALPHAT(3) = -3.990

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4930	.4780	.4260	.4960	.3160
.050	-.0210	-.1550	-.1910	-.3120	-.2510
.100	-.0440	-.0760	-.1200	-.1740	-.1490
.150	-.0740	-.1270	-.2230	-.2260	-.2040
.200	-.2520	-.3680	-.4480	-.4450	-.4120
.250	-.3660	-.4990	-.6280	-.5310	-.5880
.300	-.2780	-.2690	-.2720	-.2630	-.1030
.350	-.1720	-.1240	-.0850	-.0190	

MACH (1) = .599 ALPHAT(4) = -1.070

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.4710	.4530	.3960	.4530	.2810
.050	-.0460	-.1730	-.2010	-.2810	-.2590
.100	-.0570	-.0990	-.1270	-.2710	-.1570
.150	-.0870	-.1290	-.2290	-.2330	-.2020
.200	-.2510	-.3660	-.4480	-.4330	-.4020
.250	-.3690	-.4990	-.6160	-.5250	-.5520
.300	-.2850	-.2730	-.2710	-.2550	-.1050
.350	-.1760	-.1300	-.0840	-.0190	

APR 22 1977

இதன்மூலம்

70-251, 107127, 107128

FD-35 (Rev. 5-22-64)

555° = (5, 14) 555° = (7, 12)

[illegible]
$$\text{WAGE}(i) = .655 \text{ APLN}(i) + 2.575$$

ADK 162K	85%	92%	95%	98%	99%
500	0.974	0.980	0.986	0.990	0.993
550	0.975	0.981	0.987	0.991	0.994
600	0.976	0.982	0.988	0.992	0.995
650	0.977	0.983	0.989	0.993	0.996
700	0.978	0.984	0.990	0.994	0.997
750	0.979	0.985	0.991	0.995	0.998
800	0.980	0.986	0.992	0.996	0.999
850	0.981	0.987	0.993	0.997	1.000
900	0.982	0.988	0.994	0.998	1.000
950	0.983	0.989	0.995	0.999	1.000
1000	0.984	0.990	0.996	1.000	1.000

$$\text{WAT} (2) = 6.55 \text{ AFBAT} (7) = 4.555$$

Year	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1977	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

NAME () = .599 ALPHAT(8) = 6.5425

7/2/2	657	316	535	578	525
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525.3 = (6) L V H 665° = (7) L V H

[illegible]

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2925

AVES 11-707 1A9 OCA + S3 + T9 RIGHT VERTICAL

(FBM44)

SECTION: (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(9) = 8.020

Z/BV X/CV	.158	.316	.670	.840	.925
.520	-.2700	-.3710	-.3530	-.3160	-.2850
.650	-.3450	-.4900	-.4370	-.3630	-.3630
.775	-.2780	-.2890	-.2270	-.1770	-.0910
.900		-.2050	-.1210	-.0650	-.0010

MACH (2) = .571 ALPHAT(1) = -8.070

Z/BV X/CV	.158	.316	.670	.840	.925
.500	.5480	.5520	.5080	.5650	.3590
.650	.0330	-.1810	-.2050	-.3690	-.3930
.775	.0110	-.0970	-.0540	-.1120	-.1360
.900	-.0060	-.0390	-.1170	-.1790	-.1930
.520	-.1470	-.2410	-.3040	-.3030	-.3410
.650	-.4230	-1.0510	-1.0270	-.4230	-.8260
.775	-.3260	-.4500	-.6130	-.3220	-.2270
.900		-.3190	-.4960	-.2830	-.1750

MACH (2) = .902 ALPHAT(2) = -6.030

Z/BV X/CV	.158	.316	.670	.840	.925
.500	.5040	.5090	.4700	.5260	.3270
.650	.0020	-.2030	-.2120	-.3260	-.3430
.775	-.0310	-.0310	-.0450	-.1290	-.1450
.900	-.0420	-.0610	-.1370	-.1910	-.2700
.520	-.1710	-.2580	-.3060	-.3120	-.3370
.650	-.4190	-1.0210	-.9920	-.3890	-.7110
.775	-.3290	-.4290	-.5830	-.3050	-.2260
.900		-.3010	-.4690	-.2590	-.1160

MACH (2) = .899 ALPHAT(3) = -4.020

Z/BV X/CV	.158	.316	.670	.840	.925
.500	.4940	.4720	.4410	.4950	.2750
.650	-.0260	-.2300	-.2230	-.2970	-.2960
.775	-.0710	-.0550	-.0750	-.1400	-.1530
.900	-.0650	-.0760	-.1370	-.1990	-.2710
.520	-.1790	-.2700	-.3010	-.3130	-.3350
.650	-.4260	-.9330	-.9730	-.3730	-.6480
.775	-.3240	-.4040	-.5510	-.2590	-.2720
.900		-.2940	-.4250	-.2490	-.1600

MACH (2) = .900 ALPHAT(4) = -1.690

Z/BV X/CV	.158	.316	.670	.840	.925
.500	.4770	.4270	.4130	.4550	.2310
.650	-.0740	-.2550	-.2330	-.2950	-.2760
.775	-.1110	-.0740	-.0910	-.1430	-.1690
.900	-.0860	-.0990	-.1280	-.2100	-.2560
.520	-.1970	-.2780	-.3090	-.3050	-.3220

DATE 21 SEP 73 TABULATED PRESSURE DATA - IASA

(R34544)

AVES 11-707 IAS OCA + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

MACH (2) = .950 ALPHAT(4) = -1.890

Z/BV	.158	.316	.600	.840	.925
X/CV					
.650	-.4050	-.8410	-.9060	-.3420	-.5310
.775	-.3050	-.3820	-.5310	-.2760	-.2750
.900		-.2840	-.3830	-.2340	-.1540

MACH (2) = .902 ALPHAT(5) = .010

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.4360	.3660	.3710	.4230	.1970
.050	-.0920	-.2580	-.2290	-.3190	-.3130
.100	-.1440	-.0820	-.0980	-.1740	-.1980
.150	-.1160	.0940	-.1730	-.2430	-.2350
.200	-.1960	-.2790	-.3520	-.3550	-.3730
.250	-.3970	-.8210	-1.0200	-.3610	-.4890
.300	-.3150	-.3810	-.5960	-.3070	-.1960
.350		-.2950	-.4180	-.2650	-.1450

MACH (2) = .902 ALPHAT(6) = 1.990

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3930	.3360	.3360	.3930	.1580
.050	-.1390	-.3020	-.2340	-.1460	-.3780
.100	-.1850	-.1070	-.1080	-.2720	-.2830
.150	-.1380	-.1080	-.1980	-.2840	-.2920
.200	-.2080	-.2840	-.4070	-.4140	-.4280
.250	-.3860	-.8240	-1.0590	-.4140	-.4720
.300	-.3110	-.3780	-.6600	-.3370	-.2110
.350		-.2980	-.4280	-.2980	-.1510

MACH (2) = .901 ALPHAT(7) = 4.010

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3480	.3130	.2960	.3610	.1170
.050	-.1580	-.3260	-.2460	-.3030	-.3290
.100	-.2130	-.1230	-.1170	-.1910	-.2280
.150	-.1560	-.1120	-.1840	-.2610	-.2790
.200	-.2110	-.2830	-.3670	-.3860	-.4730
.250	-.3770	-.8030	-.9320	-.3670	-.3530
.300	-.3080	-.4000	-.5740	-.2910	-.1970
.350		-.3120	-.3510	-.2470	-.1370

MACH (2) = .904 ALPHAT(8) = 6.000

Z/BV	.158	.316	.600	.840	.925
X/CV					
.000	.3130	.3030	.1330	.3230	.1520
.050	-.1910	-.3060	-.2580	-.3060	-.3520
.100	-.2370	-.1250	-.1220	-.1950	-.2370
.150	-.1600	-.1250	-.1910	-.2690	-.2850
.200	-.2220	-.2970	-.3700	-.3970	-.3330
.250	-.3870	-.7820	-.9310	-.3540	-.3450

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(R2N624)

AVES 11-707 1A9 Q2A + S3 + T9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (2) = .934 ALPHAT(8) = 6.000		Z/BV	.158	.316	.600	.840	.925
		X/CV	.775	-.4050	-.5530	-.2850	-.1850
			.900	-.3300	-.3100	-.2500	-.1350
MACH (2) = .898 ALPHAT(9) = 7.990		Z/BV	.158	.316	.600	.840	.925
		X/CV	.000	.3060	.2090	.2860	.0430
			.090	-.1910	-.2470	-.2670	-.3420
			.150	-.2180	-.1280	-.1320	-.2000
			.300	-.1430	-.1230	-.1860	-.2680
			.520	-.2150	-.3010	-.3700	-.3850
			.650	-.3760	-.7770	-.9750	-.3650
			.775	-.3100	-.4060	-.5290	-.1550
			.900	-.3280	-.2430	-.2210	-.1520
MACH (3) = 1.103 ALPHAT(1) = -8.010		Z/BV	.158	.316	.600	.840	.925
		X/CV	.000	.7240	.6650	.6120	.6780
			.050	.1860	-.0940	-.1230	-.1170
			.150	.1570	.1280	.1400	.1070
			.300	.1250	.1290	.0920	.0480
			.520	.0240	-.0160	-.0060	-.0150
			.650	-.3210	-.6500	-.5760	-.5230
			.775	-.3680	-.4760	-.5680	-.5970
			.900	-.4160	-.5680	-.5220	-.5040
MACH (3) = 1.097 ALPHAT(2) = -5.950		Z/BV	.158	.316	.600	.840	.925
		X/CV	.000	.7070	.6260	.5660	.6310
			.050	.1650	-.1370	-.1850	-.1510
			.150	.1190	.0850	.1160	.0850
			.300	.0890	.0970	.0670	.0280
			.520	.0160	-.0390	-.0290	-.0370
			.650	-.3500	-.6620	-.5310	-.6280
			.775	-.3940	-.4920	-.5260	-.6380
			.900	-.4240	-.5250	-.6220	-.5270
MACH (3) = 1.100 ALPHAT(3) = -3.970		Z/BV	.158	.316	.600	.840	.925
		X/CV	.000	.6990	.5910	.5250	.6030
			.050	.1530	-.1640	-.2110	-.1340
			.150	.0980	.0610	.0850	.0680
			.300	.0580	.0720	.0410	.0180
			.520	-.0090	-.1540	-.0470	-.0550
			.650	-.3580	-.6640	-.4970	-.4650
			.775	-.3930	-.4910	-.4540	-.4720
			.900	-.4310	-.5310	-.4720	-.4650

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2328

ANES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

REMARKS

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.100	ALPHAT(3) = -3.970	Z/BV X/CV	.158 .900	.316 -.4300	.600 -.4820	.840 -.4620	.925 -.3440
MACH (3) = 1.102	ALPHAT(4) = -1.990	Z/BV X/CV	.158 .000	.316 .5490	.600 .4730	.840 .5560	.925 .3600
			.050	.1370	-.2590	-.1390	-.1060
			.150	.0660	.0190	.0490	.0210
			.300	.0210	.0370	.0280	.0010
			.500	-.0390	-.0760	-.0680	-.0940
			.650	-.3730	-.6720	-.6300	-.5970
			.775	-.3890	-.5110	-.5990	-.6070
			.900		-.4310	-.5920	-.5550
							-.5640
MACH (3) = 1.100	ALPHAT(5) = .000	Z/BV X/CV	.158 .000	.316 .5110	.600 .4220	.840 .5050	.925 .3040
			.050	.1200	-.2160	-.1820	-.1150
			.150	.0440	-.0150	.0190	.0170
			.300	-.0150	-.0720	-.0030	-.0150
			.500	-.0790	-.1080	-.0950	-.1140
			.650	-.3920	-.6880	-.6810	-.6050
			.775	-.3970	-.5170	-.6750	-.6310
			.900		-.4320	-.6700	-.6240
							-.5810
MACH (3) = 1.101	ALPHAT(6) = 2.040	Z/BV X/CV	.150 .000	.316 .4840	.600 .3680	.840 .4500	.925 .2530
			.050	.0960	-.2520	-.3320	-.2220
			.150	.0100	-.0490	-.0130	-.0120
			.300	-.0580	-.0320	-.0400	-.0470
			.500	-.1150	-.1340	-.1100	-.1230
			.650	-.4130	-.7320	-.4960	-.4780
			.775	-.3960	-.5310	-.4540	-.4840
			.900		-.4390	-.4510	-.4760
							-.6050
MACH (3) = 1.102	ALPHAT(7) = 3.980	Z/BV X/CV	.158 .000	.316 .4660	.600 .3240	.840 .3990	.925 .2110
			.050	.0780	-.2870	-.3500	-.2420
			.150	-.0120	-.0740	-.0390	-.0360
			.300	-.0800	-.0650	-.0560	-.0590
			.500	-.1320	-.1540	-.1420	-.1510
			.650	-.4180	-.7110	-.6060	-.6350
			.775	-.3930	-.5440	-.6030	-.6370
			.900		-.4390	-.5990	-.6360
							-.6270

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9:

PAGE 2929

AMES 11-707 1A9 02A + S3 + T9 RIGHT VERTICAL

(224824)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (3) = 1.195 ALPHAT(8) = 6.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5470	.4570	.2820	.3530	.1920
.050	.0560	-.2900	-.3590	-.2620	-.1950
.100	.0210	-.0960	-.0700	-.0600	-.0800
.150	.0880	-.0870	-.0890	-.0940	-.1170
.200	-.1480	-.1730	-.1530	-.1700	-.1780
.250	-.4740	-.7230	-.5310	-.5520	-.6190
.300	-.3880	-.5450	-.5280	-.5540	-.6670
.350		-.4370	-.5240	-.5540	-.6450

MACH (3) = 1.102 ALPHAT(9) = 8.010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5120	.4320	.2300	.3000	.1030
.050	.0310	-.2950	-.3750	-.2880	-.2250
.100	.0430	-.1250	-.0950	-.0900	-.1150
.150	-.1160	-.1140	-.1160	-.1210	-.1280
.200	-.1680	-.1920	-.1860	-.1960	-.2200
.250	-.5060	-.7370	-.5100	-.5210	-.5350
.300	-.3880	-.5520	-.5560	-.5200	-.5730
.350		-.4330	-.5020	-.5320	-.5600

MACH (4) = 1.247 ALPHAT(1) = -8.060

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.8210	.7350	.6500	.7310	.5560
.050	.2210	-.0180	-.1380	.0380	.0580
.100	.1430	.1640	.1820	.1990	.1800
.150	.1810	.1810	.2110	.1640	.1820
.200	.1060	.0910	.1500	.1240	.1170
.250	-.2380	-.4750	-.1000	-.0830	-.1780
.300	-.3310	-.4450	.0930	-.1080	-.4150
.350		-.3410	-.0990	-.1000	-.3430

MACH (4) = 1.250 ALPHAT(2) = -5.960

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.8010	.7020	.6140	.6820	.5170
.050	.2180	-.0340	-.1610	.0280	.0510
.100	.2220	.1560	.1550	.1750	.1600
.150	.1540	.1530	.2130	.1490	.1330
.200	.0830	.0350	.1640	.1120	.1070
.250	-.2440	-.4770	-.0950	-.0990	-.0630
.300	-.3310	-.4100	-.0960	-.1060	-.4190
.350		-.3430	-.0970	-.1020	-.3610

MACH (4) = 1.247 ALPHAT(3) = -3.960

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.7790	.6590	.5530	.6310	.4520
.050	.1990	-.1120	-.0910	-.1050	-.0500
.100	.1340	.1230	.1240	.1440	.1340
.150	.0300	.1160	.1110	.1160	.1010

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A34

AVES 11-707 1A6 Q2A + S3 + T9 RIGHT VERTICAL

(356624)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.247 ALPHAT(3) = -3.960

Z/BV X/CV	.159	.316	.600	.840	.925
.520	.0470	.0100	.0450	.0640	.0370
.650	-.2720	-.4930	-.2620	-.2730	-.2540
.775	-.3240	-.4350	-.2660	-.2300	-.4350
.900		-.3510	-.2650	-.2750	-.3860

MACH (4) = 1.248 ALPHAT(4) = -2.000

Z/BV X/CV	.159	.316	.600	.840	.925
.500	.7600	.6270	.5130	.5910	.4070
.650	.1890	-.0710	-.1920	.0260	.0550
.800	.1680	.0970	.1500	.2440	.1350
.950	.0980	.0300	.1840	.2270	.1140
.520	.0190	-.0110	.1430	.0970	.0910
.650	-.3000	-.5010	-.0930	-.0950	-.0810
.775	-.3240	-.4570	-.0970	-.1030	-.4450
.900		-.3560	-.0960	-.1000	-.4020

MACH (4) = 1.248 ALPHAT(5) = .020

Z/BV X/CV	.159	.316	.600	.840	.925
.500	.7180	.5940	.4600	.5260	.3520
.650	.1740	-.0370	-.2030	.0430	.0700
.800	.1420	.0650	.0660	.1550	.1460
.950	.0700	.0570	.1590	.1420	.1280
.520	-.0130	-.0360	.1260	.1120	.1040
.650	-.5100	-.5140	-.0870	-.1610	-.0750
.775	-.3300	-.4770	-.0940	-.0990	-.4500
.900		-.3690	-.0900	-.0950	-.4100

MACH (4) = 1.244 ALPHAT(6) = 2.070

Z/BV X/CV	.159	.316	.600	.840	.925
.500	.6510	.5600	.4400	.4730	.2940
.650	.1570	-.1140	-.2210	.0430	.0750
.800	.1120	.0560	.0250	.1200	.1420
.950	.0400	.0220	.0930	.1390	.1270
.520	-.0400	-.1630	.1650	.1130	.1130
.650	-.3190	-.5270	-.0900	-.0610	-.0460
.775	-.3390	-.4970	-.0930	-.0930	-.4540
.900		-.3760	-.0920	-.0840	-.4190

MACH (4) = 1.248 ALPHAT(7) = 4.020

Z/BV X/CV	.159	.316	.600	.840	.925
.500	.6190	.5340	.3720	.4210	.2450
.650	.1430	-.1430	-.2370	.0410	.0700
.800	.1170	.0420	.0430	.1120	.1350
.950	.0400	.0200	.0930	.1300	.1200
.520	-.0400	-.1630	.1650	.1130	.1130
.650	-.3190	-.5270	-.0900	-.0610	-.0460
.775	-.3390	-.4970	-.0930	-.0930	-.4540
.900		-.3760	-.0920	-.0840	-.4190

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2551

AMES 11-757 1A9 02A + S3 + T9 RIGHT VERTICAL

(730644)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

MACH (4) = 1.246 ALPHAT (7) = 4.020

Z/BV X/CV	.158	.316	.600	.840	.925
.650	-.3470	-.5350	-.1060	-.1050	-.1880
.775	-.3450	-.5000	-.1070	-.1070	-.1620
.900		-.3860	-.1060	-.1030	-.1420

MACH (4) = 1.246 ALPHAT (8) = 6.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5770	.5140	.3200	.3770	.2100
.090	.1210	-.1900	-.2420	-.1050	.0220
.150	.0710	-.0790	-.0230	.0860	.0580
.300	-.0390	-.0310	.1390	.0840	.0310
.520	-.0810	-.1030	.1090	.0650	.0610
.650	-.1020	-.1440	.1160	.1120	-.1110
.775	-.3480	-.5220	-.1170	-.1170	-.1780
.900		-.3930	-.1160	-.1130	-.1630

MACH (4) = 1.246 ALPHAT (9) = 8.010

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.5510	.4950	.2850	.3340	.2150
.090	.0950	-.1680	-.2560	.0920	.0350
.150	.0530	-.0350	-.0490	.1410	.0440
.300	-.0290	-.0520	.1810	.1410	.0330
.520	-.0930	-.1140	.1990	.1270	.0330
.650	-.1450	-.1510	.0540	-.0530	-.0450
.775	-.3450	-.5470	-.0550	-.0560	-.1890
.900		-.4050	-.0540	-.0530	-.1780

DATE 21 SEP 75 TABULATED PRESSURE DATA - 1A9A

AVES 11-757 1A9 02A + S3 + T9 AFU INLET

(27 APR 75)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 29.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 ZREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0350 SCALE

GEOMETRIC DATA

BETAT = .000 OPENING = 1.500
 RUMER = .000 ELEVON = .000
 FLUPLR = .000

SECTION (1) AFU INLET DEPENDENT VARIABLE CP

MACH (1) = .601	ALPHAT(1) = -8.140	Z/BV	.079
		X/CV	.6640
			.076
MACH (1) = .599	ALPHAT(2) = -6.130	Z/BV	.079
		X/CV	.6250
			.076
MACH (1) = .597	ALPHAT(3) = -4.100	Z/BV	.079
		X/CV	.5800
			.076
MACH (1) = .599	ALPHAT(4) = -2.060	Z/BV	.079
		X/CV	.5620
			.076
MACH (1) = .597	ALPHAT(5) = -.060	Z/BV	.079
		X/CV	.5910
			.076
MACH (1) = .598	ALPHAT(6) = 1.960	Z/BV	.079
		X/CV	.6700
			.076
MACH (1) = .597	ALPHAT(7) = 3.930	Z/BV	.079
		X/CV	.7150
			.076
MACH (1) = .600	ALPHAT(8) = 5.900	Z/BV	.079
		X/CV	.7300
			.076
MACH (1) = .599	ALPHAT(9) = 7.950	Z/BV	.079
		X/CV	.7220
			.076
MACH (1) = .595	ALPHAT(1) = -8.020	Z/BV	.079
		X/CV	.7550
			.076

(CSMP01)

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
 ANES 11-707 1A9 02A + S3 + T9 APU INLET

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (2) = .899 ALPHAT(2) = -5.960	Z/BV .079
	X/CV .7180
	.076
MACH (2) = .898 ALPHAT(3) = -4.000	Z/BV .079
	X/CV .6990
	.076
MACH (2) = .902 ALPHAT(4) = -1.980	Z/BV .079
	X/CV .6780
	.076
MACH (2) = .902 ALPHAT(5) = .030	Z/BV .079
	X/CV .6620
	.076
MACH (2) = .901 ALPHAT(6) = 2.100	Z/BV .079
	X/CV .6490
	.076
MACH (2) = .899 ALPHAT(7) = 4.030	Z/BV .079
	X/CV .6350
	.076
MACH (2) = .901 ALPHAT(8) = 6.000	Z/BV .079
	X/CV .6520
	.076
MACH (2) = .902 ALPHAT(9) = 8.030	Z/BV .079
	X/CV .5410
	.076
MACH (2) = .901 ALPHAT(10) = 10.000	Z/BV .079
	X/CV .5590
	.076
MACH (3) = 1.104 ALPHAT(1) = -8.010	Z/BV .079
	X/CV .7450
	.076
MACH (3) = 1.101 ALPHAT(2) = -5.990	Z/BV .079
	X/CV .7120
	.076
MACH (3) = 1.104 ALPHAT(3) = -3.980	Z/BV .079
	X/CV .6720
	.076

TABULATED PRESSURE DATA - 1A9A
 AMES 11-7D7 1A9 02A + S3 + T9 AFU INLET

SECTION (1)AFU INLET	DEPENDENT VARIABLE C
MACH (3) = 1.102 ALPHAT(4) = -2.700	Z/BV .079 X/CV .6280
MACH (3) = 1.102 ALPHAT(5) = .030	Z/BV .079 X/CV .6310
MACH (3) = 1.101 ALPHAT(6) = 2.010	Z/BV .079 X/CV .6530
MACH (3) = 1.102 ALPHAT(7) = 4.020	Z/BV .079 X/CV .7330
MACH (3) = 1.106 ALPHAT(8) = 5.980	Z/BV .079 X/CV .7680
MACH (3) = 1.102 ALPHAT(9) = 7.980	Z/BV .079 X/CV .8130
MACH (3) = 1.102 ALPHAT(10) = 9.950	Z/BV .079 X/CV .8340
MACH (4) = 1.250 ALPHAT(1) = -8.000	Z/BV .079 X/CV .6360
MACH (4) = 1.252 ALPHAT(2) = -5.980	Z/BV .079 X/CV .6050
MACH (4) = 1.248 ALPHAT(3) = -4.030	Z/BV .079 X/CV .5740
MACH (4) = 1.250 ALPHAT(4) = -1.980	Z/BV .079 X/CV .5540
MACH (4) = 1.249 ALPHAT(5) = .040	Z/BV .079 X/CV .5290

(RSMF31)

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
 AMES 11-707 IAS 02A + S3 + T9 APU INLET

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (4) = 1.247	ALPHAT(6) = 2.020	Z/BV	.079
		X/CV	.076
			.0700
MACH (4) = 1.248	ALPHAT(7) = 4.040	Z/BV	.079
		X/CV	.076
			.6340
MACH (4) = 1.247	ALPHAT(8) = 6.010	Z/BV	.079
		X/CV	.076
			.7210
MACH (4) = 1.247	ALPHAT(9) = 8.010	Z/BV	.079
		X/CV	.076
			.7980
MACH (4) = 1.245	ALPHAT(10) = 9.960	Z/BV	.079
		X/CV	.076
			.8150

DATE 21 SEP 73

TABULATE PRESSURE DATA - 1A9A

PAGE 2836

AVES 11-707 1A9 02A + S3 + T9 APU INLET

(REMP02) (27 APR 73)

REFERENCE DATA

SREF = 2.4215 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 BREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

BETAT = .000 OFFINC = .500
 ROTTER = .000 ELEVON = .000
 RUPLR = .000

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (1) = .598	ALPHAT (1) = -8.020	Z/BV	.079
		X/CV	.076
			.7520
MACH (1) = .598	ALPHAT (2) = -6.020	Z/BV	.079
		X/CV	.076
			.6990
MACH (1) = .599	ALPHAT (3) = -3.990	Z/BV	.079
		X/CV	.076
			.6320
MACH (1) = .598	ALPHAT (4) = -1.910	Z/BV	.079
		X/CV	.076
			.6160
MACH (1) = .599	ALPHAT (5) = .020	Z/BV	.079
		X/CV	.076
			.6230
MACH (1) = .599	ALPHAT (6) = 2.020	Z/BV	.079
		X/CV	.076
			.6760
MACH (1) = .597	ALPHAT (7) = 4.020	Z/BV	.079
		X/CV	.076
			.7630
MACH (1) = .599	ALPHAT (8) = 6.010	Z/BV	.079
		X/CV	.076
			.7870
MACH (1) = .597	ALPHAT (9) = 8.000	Z/BV	.079
		X/CV	.076
			.7960
MACH (2) = .913	ALPHAT (1) = -8.000	Z/BV	.079
		X/CV	.076
			.7840

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A91

(RSMP512)

ANES 11-737 1A9 Q2A + S3 + T9 APU INLET

SECTION (31) APU INLET DEPENDENT VARIABLE CP

MACH (2) = .901	ALPHAT(2) = -6.020	Z/BV	.079
		X/CV	.7420
			.076
MACH (2) = .900	ALPHAT(3) = -4.030	Z/BV	.079
		X/CV	.7240
			.076
MACH (2) = .896	ALPHAT(4) = -1.990	Z/BV	.079
		X/CV	.7050
			.076
MACH (2) = .899	ALPHAT(5) = .010	Z/BV	.079
		X/CV	.6790
			.076
MACH (2) = .898	ALPHAT(6) = 2.040	Z/BV	.079
		X/CV	.6610
			.076
MACH (2) = .905	ALPHAT(7) = 4.040	Z/BV	.079
		X/CV	.6480
			.076
MACH (2) = .897	ALPHAT(8) = 6.030	Z/BV	.079
		X/CV	.6510
			.076
MACH (2) = .900	ALPHAT(9) = 8.000	Z/BV	.079
		X/CV	.6400
			.076
MACH (3) = 1.102	ALPHAT(1) = -8.030	Z/BV	.079
		X/CV	.7690
			.076
MACH (3) = 1.103	ALPHAT(2) = -6.010	Z/BV	.079
		X/CV	.7320
			.076
MACH (3) = 1.102	ALPHAT(3) = -4.000	Z/BV	.079
		X/CV	.6920
			.076
MACH (3) = 1.102	ALPHAT(4) = -1.990	Z/BV	.079
		X/CV	.6490
			.076

(REV 52)

ANES 11-757 1A9 02A + S3 + T9 APU INLET

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(5) = -.030 Z/BV .079
X/CV .076 .6260

MACH (3) = 1.102 ALPHAT(6) = 1.980 Z/BV .075
X/CV .076 .6440

MACH (3) = 1.102 ALPHAT(7) = 3.980 Z/BV .079
X/CV .076 .6830

MACH (3) = 1.102 ALPHAT(8) = 5.970 Z/BV .079
X/CV .076 .7360

MACH (3) = 1.101 ALPHAT(9) = 7.940 Z/BV .079
X/CV .076 .7910

MACH (4) = 1.249 ALPHAT(1) = -8.060 Z/BV .079
X/CV .076 .6650

MACH (4) = 1.248 ALPHAT(2) = -6.020 Z/BV .079
X/CV .076 .6340

MACH (4) = 1.249 ALPHAT(3) = -3.980 Z/BV .079
X/CV .076 .5950

MACH (4) = 1.245 ALPHAT(4) = -1.950 Z/BV .079
X/CV .076 .5640

MACH (4) = 1.245 ALPHAT(5) = .040 Z/BV .079
X/CV .076 .5360

MACH (4) = 1.244 ALPHAT(6) = 2.030 Z/BV .079
X/CV .076 .5280

MACH (4) = 1.245 ALPHAT(7) = 3.970 Z/BV .079
X/CV .076 .6200

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBNF12)

AKES 11-707 1A9 02A + S3 + T9 APU INLET

DEPENDENT VARIABLE CP

SECTION (1) APU INLET

MACH (4) = 1.245 ALPHA(8) = 5.990 Z/BV .075
X/CV .076MACH (4) = 1.247 ALPHA(9) = 7.980 Z/BV .079
X/CV .076MACH (5) = 1.401 ALPHA(1) = -8.050 Z/BV .079
X/CV .076MACH (5) = 1.396 ALPHA(2) = -5.970 Z/BV .079
X/CV .076MACH (5) = 1.396 ALPHA(3) = -3.980 Z/BV .079
X/CV .076MACH (5) = 1.396 ALPHA(4) = -2.990 Z/BV .079
X/CV .076MACH (5) = 1.396 ALPHA(5) = .040 Z/BV .079
X/CV .076MACH (5) = 1.393 ALPHA(6) = 2.000 Z/BV .079
X/CV .076MACH (5) = 1.394 ALPHA(7) = 3.960 Z/BV .079
X/CV .076MACH (5) = 1.396 ALPHA(8) = 6.000 Z/BV .079
X/CV .076MACH (5) = 1.391 ALPHA(9) = 7.990 Z/BV .079
X/CV .076

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2940

AVES 11-707 1A9 02A + S3 + T9 APU INLET

(RSMF03) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 OFFINC = .500
 ROTTER = .000 ELEVON = .000
 RUFLER = .000

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (1) = .599	BETAT (1) = -8.050	Z/BV	.079
		X/CV	.076
			.4190
MACH (1) = .599	BETAT (2) = -6.030	Z/BV	.079
		X/CV	.076
			.5040
MACH (1) = .596	BETAT (3) = -4.020	Z/BV	.079
		X/CV	.076
			.6990
MACH (1) = .598	BETAT (4) = -2.000	Z/BV	.079
		X/CV	.076
			.7310
MACH (1) = .598	BETAT (5) = .020	Z/BV	.079
		X/CV	.076
			.7470
MACH (1) = .598	BETAT (6) = 2.060	Z/BV	.079
		X/CV	.076
			.7600
MACH (1) = .598	BETAT (7) = 4.100	Z/BV	.079
		X/CV	.076
			.7930
MACH (1) = .598	BETAT (8) = 6.140	Z/BV	.079
		X/CV	.076
			.7750
MACH (1) = .599	BETAT (9) = 8.180	Z/BV	.079
		X/CV	.076
			.5570
MACH (2) = .901	BETAT (1) = -8.140	Z/BV	.079
		X/CV	.076
			.4780

DATE 2: SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 APU INLET

(SEN403)

SECTION (1)APU INLET DEPENDENT VARIABLE CP

MACH (2) = .970	BETAT (2) = -6.100	Z/BV	.079
		X/CV	.5530
			.076
MACH (2) = .900	BETAT (3) = -4.050	Z/BV	.079
		X/CV	.7520
			.076
MACH (2) = .898	BETAT (4) = -2.020	Z/BV	.079
		X/CV	.7710
			.076
MACH (2) = .899	BETAT (5) = 2.080	Z/BV	.079
		X/CV	.7970
			.076
MACH (2) = .899	BETAT (6) = 4.140	Z/BV	.079
		X/CV	.7590
			.076
MACH (2) = .901	BETAT (7) = 6.210	Z/BV	.079
		X/CV	.7680
			.076
MACH (2) = .920	BETAT (8) = 8.270	Z/BV	.079
		X/CV	.6290
			.076
MACH (3) = 1.101	BETAT (1) = -8.170	Z/BV	.079
		X/CV	.4240
			.076
MACH (3) = 1.100	BETAT (2) = -6.120	Z/BV	.079
		X/CV	.5640
			.076
MACH (3) = 1.102	BETAT (3) = -4.080	Z/BV	.079
		X/CV	.6810
			.076
MACH (3) = 1.100	BETAT (4) = -2.030	Z/BV	.079
		X/CV	.7970
			.076
MACH (3) = 1.099	BETAT (5) = .020	Z/BV	.079
		X/CV	.7650
			.076

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2942

AMES 11-707 1A9 02A + S3 + T9 AFU INLET

(REMOVED)

SECTION (1) AFU INLET DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (6) = 2.090 Z/BV .079
X/CV .076 .8420

MACH (3) = 1.100 BETAT (7) = 4.160 Z/BV .079
X/CV .076 .7490

MACH (3) = 1.102 BETAT (8) = 6.240 Z/BV .079
X/CV .076 .6310

MACH (3) = 1.102 BETAT (9) = 7.800 Z/BV .079
X/CV .076 .5010

MACH (4) = 1.248 BETAT (1) = -8.130 Z/BV .079
X/CV .076 .3200

MACH (4) = 1.249 BETAT (2) = -6.080 Z/BV .079
X/CV .076 .3860

MACH (4) = 1.245 BETAT (3) = -4.050 Z/BV .079
X/CV .076 .4710

MACH (4) = 1.246 BETAT (4) = -2.020 Z/BV .079
X/CV .076 .6220

MACH (4) = 1.247 BETAT (5) = 2.080 Z/BV .079
X/CV .076 .7020

MACH (4) = 1.247 BETAT (6) = 4.140 Z/BV .079
X/CV .076 .5300

MACH (4) = 1.248 BETAT (7) = 6.190 Z/BV .079
X/CV .076 .4440

MACH (4) = 1.251 BETAT (8) = 8.290 Z/BV .079
X/CV .076 .3430

DATE 21 SEP 73 (REFNO) (20 APR 73)

TABULATED PRESSURE DATA - ISA
AMES 11-707 IAS OCA + S3 + T9 APU INLET

PARAMETRIC DATA
ALPHAT = -6.000 ORBINC = .500
RUSPER = .000 ELEVON = .000
RUSPLR = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. YMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (1) = .598	BETAT (1) = -8.060	Z/BV	.079
		X/CV	.4210
MACH (1) = .597	BETAT (2) = -6.040	Z/BV	.079
		X/CV	.4510
MACH (1) = .599	BETAT (3) = -4.020	Z/BV	.079
		X/CV	.6740
MACH (1) = .599	BETAT (4) = -2.000	Z/BV	.079
		X/CV	.6720
MACH (1) = .600	BETAT (5) = .020	Z/BV	.079
		X/CV	.7060
MACH (1) = .599	BETAT (6) = 2.060	Z/BV	.079
		X/CV	.7020
MACH (1) = .599	BETAT (7) = 4.080	Z/BV	.079
		X/CV	.6910
MACH (1) = .600	BETAT (8) = 6.120	Z/BV	.079
		X/CV	.6880
MACH (1) = .601	BETAT (9) = 8.160	Z/BV	.079
		X/CV	.5300
MACH (2) = .699	BETAT (1) = -8.160	Z/BV	.079
		X/CV	.4760

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 APU INLET

(3555502)

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (2) = .897	BETAT (2) = -6.100	Z/BV	.079
		X/CV	.5450
			.076
MACH (2) = .902	BETAT (3) = -4.070	Z/BV	.079
		X/CV	.6970
			.076
MACH (2) = .903	BETAT (4) = -2.030	Z/BV	.079
		X/CV	.7300
			.076
MACH (2) = .902	BETAT (5) = 2.080	Z/BV	.079
		X/CV	.7510
			.076
MACH (2) = .903	BETAT (6) = 4.140	Z/BV	.079
		X/CV	.6780
			.076
MACH (2) = .900	BETAT (7) = 6.190	Z/BV	.079
		X/CV	.6380
			.076
MACH (2) = .898	BETAT (8) = 8.240	Z/BV	.079
		X/CV	.5110
			.076
MACH (3) = 1.100	BETAT (1) = -8.190	Z/BV	.079
		X/CV	.4520
			.076
MACH (3) = 1.099	BETAT (2) = -6.120	Z/BV	.079
		X/CV	.5380
			.076
MACH (3) = 1.101	BETAT (3) = -4.050	Z/BV	.079
		X/CV	.6420
			.076
MACH (3) = 1.101	BETAT (4) = -2.030	Z/BV	.079
		X/CV	.7120
			.076
MACH (3) = 1.099	BETAT (5) = 2.090	Z/BV	.079
		X/CV	.7760
			.076

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-757 1A9 02A + S3 + T9 ARU INLET

(CONF-24)

SECTION (1) ARU INLET		DEPENDENT VARIABLE CP	
MACH (3) = 1.098	BETAT (6) = 4.150	Z/BV X/CV	.079 .7220
MACH (3) = 1.100	BETAT (7) = 6.210	Z/BV X/CV	.079 .6140
MACH (3) = 1.098	BETAT (8) = 8.290	Z/BV X/CV	.079 .4590
MACH (4) = 1.248	BETAT (1) = -8.140	Z/BV X/CV	.079 .3160
MACH (4) = 1.246	BETAT (2) = -6.110	Z/BV X/CV	.079 .3480
MACH (4) = 1.244	BETAT (3) = -4.060	Z/BV X/CV	.079 .4310
MACH (4) = 1.247	BETAT (4) = -2.020	Z/BV X/CV	.079 .5710
MACH (4) = 1.245	BETAT (5) = 2.070	Z/BV X/CV	.079 .6230
MACH (4) = 1.248	BETAT (6) = 4.120	Z/BV X/CV	.079 .4880
MACH (4) = 1.245	BETAT (7) = 6.170	Z/BV X/CV	.079 .3860
MACH (4) = 1.245	BETAT (8) = 8.210	Z/BV X/CV	.079 .3370

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2546

AXES 11-707 1A9 02A + S3 + T9 APU INLET

(COMPSS) 1 29 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (1) = .650	BETAT (1) = .020	Z/SV X/CV	.079 .076	.6530
MACH (1) = .599	BETAT (2) = 4.080	Z/SV X/CV	.079 .076	.6010
MACH (1) = .599	BETAT (3) = 6.120	Z/SV X/CV	.079 .076	.5420
MACH (1) = .599	BETAT (4) = 8.150	Z/SV X/CV	.079 .076	.4560
MACH (2) = .903	BETAT (1) = -8.110	Z/SV X/CV	.079 .076	.4670
MACH (2) = .901	BETAT (2) = -7.110	Z/SV X/CV	.079 .076	.5190
MACH (2) = .902	BETAT (3) = -4.070	Z/SV X/CV	.079 .076	.6080
MACH (2) = .901	BETAT (4) = -2.030	Z/SV X/CV	.079 .076	.6600
MACH (2) = .903	BETAT (5) = 2.070	Z/SV X/CV	.079 .076	.6530
MACH (2) = .900	BETAT (6) = 4.120	Z/SV X/CV	.079 .076	.6210

GEOMETRIC DATA

ALPHA = -4.000
 RADIUS = .000
 ELEV = .000
 ELEV = .000

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2947

AVES 11-707 IAS O2A + S3 + T9 APU INLET

(354205)

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (2) = .904 BETAT (7) = 6.170 Z/BV .079
X/CV .076 .5720

MACH (2) = .899 BETAT (8) = 8.230 Z/BV .079
X/CV .076 .4340

MACH (3) = 1.100 BETAT (1) = -6.200 Z/BV .079
X/CV .076 .4530

MACH (3) = 1.097 BETAT (2) = -6.130 Z/BV .079
X/CV .076 .5360

MACH (3) = 1.101 BETAT (3) = -4.080 Z/BV .079
X/CV .076 .6690

MACH (3) = 1.099 BETAT (4) = -2.030 Z/BV .079
X/CV .076 .6630

MACH (3) = 1.101 BETAT (5) = 2.080 Z/BV .079
X/CV .076 .7140

MACH (3) = 1.102 BETAT (6) = 4.140 Z/BV .079
X/CV .076 .7120

MACH (3) = 1.100 BETAT (7) = 6.270 Z/BV .079
X/CV .076 .5690

MACH (2) = 1.100 BETAT (8) = 8.270 Z/BV .079
X/CV .076 .4780

MACH (2) = 1.245 BETAT (1) = -6.150 Z/BV .079
X/CV .076 .3310

MACH (4) = 1.245 BETAT (2) = -6.110 Z/BV .079
X/CV .076 .3530

(R94405)

DATE 21 SEP 79 TABULATED PRESSURE DATA - 1A9A
 ANES 11-707 1A9 Q2A + S3 + T9 AFU INLET

SECTION (1) AFU INLET DEPENDENT VARIABLE CP

MACH (4) = 1.245	BETAT (3) = -4.060	Z/BV	.079
		X/CV	.4040
			.076
MACH (4) = 1.246	BETAT (4) = -2.920	Z/BV	.079
		X/CV	.5350
			.076
MACH (4) = 1.243	BETAT (5) = 2.060	Z/BV	.079
		X/CV	.5880
			.076
MACH (4) = 1.241	BETAT (6) = 4.120	Z/BV	.079
		X/CV	.4700
			.076
MACH (4) = 1.244	BETAT (7) = 6.160	Z/BV	.079
		X/CV	.3840
			.076
MACH (4) = 1.247	BETAT (8) = 8.210	Z/BV	.079
		X/CV	.3560
			.076

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2949

ANES 11-707 1A9 02A + S3 + T9 APU INLET

(REMPDS) (28 APR 73)

REFERENCE DATA

SREF = 2.4275 30.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = 10.0000 INCHES
 BREF = 39.8490 INCHES ZMRP = 10.0000 INCHES
 SCALE = 1.3300 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUDELR = .000

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (1) = .599	BETAT (1) = -8.090	Z/BV	.079
		X/CV	.076
			.4150
MACH (1) = .599	BETAT (2) = -6.060	Z/BV	.079
		X/CV	.076
			.4610
MACH (1) = .598	BETAT (3) = -4.040	Z/BV	.079
		X/CV	.076
			.5160
MACH (1) = .600	BETAT (4) = -2.000	Z/BV	.079
		X/CV	.076
			.5150
MACH (1) = .600	BETAT (5) = .020	Z/BV	.079
		X/CV	.076
			.6190
MACH (1) = .601	BETAT (6) = 2.050	Z/BV	.079
		X/CV	.076
			.5360
MACH (1) = .601	BETAT (7) = 4.080	Z/BV	.079
		X/CV	.076
			.5400
MACH (1) = .599	BETAT (8) = 6.110	Z/BV	.079
		X/CV	.076
			.4790
MACH (1) = .600	BETAT (9) = 8.140	Z/BV	.079
		X/CV	.076
			.4380
MACH (2) = .904	BETAT (1) = -8.160	Z/BV	.079
		X/CV	.076
			.4390

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2950

AMES 11-707 1A9 OCA + S3 + T9 APU INLET

RESERVED

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (2) = -6.130 Z/BV .079
X/CV .076 .4970

MACH (2) = .902 BETAT (3) = -4.070 Z/BV .079
X/CV .076 .6450

MACH (2) = .901 BETAT (4) = -2.030 Z/BV .079
X/CV .076 .5080

MACH (2) = .903 BETAT (5) = 2.080 Z/BV .079
X/CV .076 .6180

MACH (2) = .903 BETAT (6) = 4.130 Z/BV .079
X/CV .076 .6420

MACH (2) = .907 BETAT (7) = 6.180 Z/BV .079
X/CV .076 .4910

MACH (2) = .904 BETAT (8) = 8.230 Z/BV .079
X/CV .076 .4260

MACH (3) = 1.099 BETAT (1) = -8.210 Z/BV .079
X/CV .076 .4180

MACH (3) = 1.100 BETAT (2) = -6.140 Z/BV .079
X/CV .076 .4360

MACH (3) = 1.100 BETAT (3) = -4.080 Z/BV .079
X/CV .076 .6450

MACH (3) = 1.099 BETAT (4) = -2.030 Z/BV .079
X/CV .076 .6150

MACH (3) = 1.101 BETAT (5) = 2.080 Z/BV .079
X/CV .076 .6620

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2951

AMES 11-757 1A9 O2A + S3 + T9 APU INLET

(R5N206)

SECTION: 11APU INLET

DEPENDENT VARIABLE: QP

MACH (3) = 1.100	BETAT (6) = 4.110	Z/BV	.079
		X/CV	.076
			.6760
MACH (3) = 1.100	BETAT (7) = 6.100	Z/BV	.079
		X/CV	.076
			.5310
MACH (3) = 1.101	BETAT (8) = 8.260	Z/BV	.079
		X/CV	.076
			.4630
MACH (4) = 1.248	BETAT (1) = -8.160	Z/BV	.079
		X/CV	.076
			.2610
MACH (4) = 1.248	BETAT (2) = -6.110	Z/BV	.079
		X/CV	.076
			.2910
MACH (4) = 1.248	BETAT (3) = -4.070	Z/BV	.079
		X/CV	.076
			.5210
MACH (4) = 1.246	BETAT (4) = -2.000	Z/BV	.079
		X/CV	.076
			.5120
MACH (4) = 1.248	BETAT (5) = 2.070	Z/BV	.079
		X/CV	.076
			.5710
MACH (4) = 1.247	BETAT (6) = 4.110	Z/BV	.079
		X/CV	.076
			.6330
MACH (4) = 1.248	BETAT (7) = 6.160	Z/BV	.079
		X/CV	.076
			.3910
MACH (4) = 1.248	BETAT (8) = 8.200	Z/BV	.079
		X/CV	.076
			.2810

DATE 21 SEP 73

REMARKS (28 APR 73)

AMES 11-707 1A9 02A + S3 + T9 APU INLET

REFERENCE DATA

SREF = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 BREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (1) = .597	BETAT (1) = -8.100	Z/BV	.079
		X/CV	.4630
MACH (1) = .596	BETAT (2) = -6.060	Z/BV	.079
		X/CV	.4510
MACH (1) = .598	BETAT (3) = -4.050	Z/BV	.079
		X/CV	.5200
MACH (1) = .595	BETAT (4) = -2.020	Z/BV	.079
		X/CV	.4490
MACH (1) = .597	BETAT (5) = .020	Z/BV	.079
		X/CV	.6390
MACH (1) = .597	BETAT (6) = 2.050	Z/BV	.079
		X/CV	.4630
MACH (1) = .599	BETAT (7) = 4.080	Z/BV	.079
		X/CV	.5310
MACH (1) = .597	BETAT (8) = 6.110	Z/BV	.079
		X/CV	.4600
MACH (1) = .597	BETAT (9) = 8.140	Z/BV	.079
		X/CV	.5430
MACH (2) = .920	BETAT (1) = -8.180	Z/BV	.079
		X/CV	.3940

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUDDLP = .000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2933

AMES 11-707 1A9 C2A + S3 + T9 APU INLET

(REV 407)

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (2) = .899 BETAT (2) = -6.140
Z/BV .079
X/CV .076 .4830

MACH (2) = .899 BETAT (3) = -4.080
Z/BV .079
X/CV .076 .5970

MACH (2) = .901 BETAT (4) = -2.030
Z/BV .079
X/CV .076 .5630

MACH (2) = .901 BETAT (5) = .020
Z/BV .079
X/CV .076 .6970

MACH (2) = .901 BETAT (6) = 2.070
Z/BV .079
X/CV .076 .6250

MACH (2) = .906 BETAT (7) = 4.120
Z/BV .079
X/CV .076 .5780

MACH (2) = .901 BETAT (8) = 6.180
Z/BV .079
X/CV .076 .4640

MACH (2) = .901 BETAT (9) = 8.220
Z/BV .079
X/CV .076 .4080

MACH (3) = 1.100 BETAT (1) = -8.210
Z/BV .079
X/CV .076 .5240

MACH (3) = 1.099 BETAT (2) = -6.140
Z/BV .079
X/CV .076 .4920

MACH (3) = 1.096 BETAT (3) = -4.080
Z/BV .079
X/CV .076 .6180

MACH (3) = 1.101 BETAT (4) = -2.030
Z/BV .079
X/CV .076 .6540

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2934

AMES 11-707 1A9 02A + S3 + T9 APU INLET

(REVISED)

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (5) = 2.070 Z/BV .079
X/CV .076 .6530

MACH (3) = 1.100 BETAT (5) = 4.140 Z/BV .079
X/CV .076 .7160

MACH (3) = 1.101 BETAT (7) = 6.200 Z/BV .079
X/CV .076 .5200

MACH (3) = 1.101 BETAT (8) = 8.200 Z/BV .079
X/CV .076 .4710

MACH (4) = 1.249 BETAT (1) = -8.160 Z/BV .079
X/CV .076 .2850

MACH (4) = 1.248 BETAT (2) = -6.110 Z/BV .079
X/CV .076 .3290

MACH (4) = 1.248 BETAT (3) = -4.080 Z/BV .079
X/CV .076 .5710

MACH (4) = 1.247 BETAT (4) = -2.030 Z/BV .079
X/CV .076 .6290

MACH (4) = 1.247 BETAT (5) = 2.050 Z/BV .079
X/CV .076 .5860

MACH (4) = 1.245 BETAT (6) = 4.100 Z/BV .079
X/CV .076 .7290

MACH (4) = 1.245 BETAT (7) = 6.150 Z/BV .079
X/CV .076 .3100

MACH (4) = 1.247 BETAT (8) = 8.190 Z/BV .079
X/CV .076 .2950

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2935

AVES 11-707 1A9 C2A + S3 + T9 APU INLET

(25-9077)

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (5) = 1.395 BETAT (1) = -8.180

Z/BV .079
X/CV .2060

MACH (5) = 1.395 BETAT (2) = -6.120

Z/BV .079
X/CV .1960

MACH (5) = 1.397 BETAT (3) = -4.080

Z/BV .079
X/CV .4600

MACH (5) = 1.396 BETAT (4) = .020

Z/BV .079
X/CV .4910

MACH (5) = 1.394 BETAT (5) = 4.110

Z/BV .079
X/CV .5560

MACH (5) = 1.392 BETAT (6) = 8.210

Z/BV .079
X/CV .2100

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 2956

AVES 11-707 1A9 02A + S3 + T9 APU INLET

(REMP08) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 DEGREE = .500
 RUDDER = 1.000 ELEVON = .000
 RUDELR = .000

SECTION (1) APU INLET DEPENDENT VARIABLE QP

MACH (1) = .599 BETAT (1) = -8.080 Z/BV .079
 X/CV .076 .5090

MACH (1) = .599 BETAT (2) = -6.060 Z/BV .079
 X/CV .076 .5030

MACH (1) = .596 BETAT (3) = -4.040 Z/BV .079
 X/CV .076 .4620

MACH (1) = .597 BETAT (4) = -2.010 Z/BV .079
 X/CV .076 .5590

MACH (1) = .598 BETAT (5) = .020 Z/BV .079
 X/CV .076 .6820

MACH (1) = .599 BETAT (6) = 2.050 Z/BV .079
 X/CV .076 .6280

MACH (1) = .596 BETAT (7) = 4.080 Z/BV .079
 X/CV .076 .4980

MACH (1) = .598 BETAT (8) = 6.110 Z/BV .079
 X/CV .076 .5330

MACH (1) = .599 BETAT (9) = 8.140 Z/BV .079
 X/CV .076 .4580

MACH (2) = .902 BETAT (1) = -8.180 Z/BV .079
 X/CV .076 .3840

DATE 21 SEP 73 TABULATED PRESSURE DATA - IASA

AVES 11-757 IAS 02A + S3 + T9 AFU INLET

(REF: 10)

SECTION (1) AFU INLET DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (2) = -6.130	Z/BV X/CV	.079 .4610
MACH (2) = .899 BETAT (3) = -4.090	Z/BV X/CV	.079 .5000
MACH (2) = .900 BETAT (4) = -2.030	Z/BV X/CV	.079 .5380
MACH (2) = .902 BETAT (5) = 2.070	Z/BV X/CV	.079 .6260
MACH (2) = .903 BETAT (6) = 4.120	Z/BV X/CV	.079 .4950
MACH (2) = .904 BETAT (7) = 6.180	Z/BV X/CV	.079 .4450
MACH (2) = .901 BETAT (8) = 8.230	Z/BV X/CV	.079 .3920
MACH (3) = 1.099 BETAT (1) = -8.200	Z/BV X/CV	.079 .5780
MACH (3) = 1.100 BETAT (2) = -6.190	Z/BV X/CV	.079 .5160
MACH (3) = 1.100 BETAT (3) = -4.090	Z/BV X/CV	.079 .5150
MACH (3) = 1.099 BETAT (4) = -2.030	Z/BV X/CV	.079 .7100
MACH (3) = 1.100 BETAT (5) = 2.060	Z/BV X/CV	.079 .6730

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

APES 11-737 1A9 02A + S3 + T3 AFU INLET

CONTRACT

DEPENDENT VARIABLE OF

SECTION (1) AFU INLET

HDM (3) = 1.557 BETAT (6) = 4.135

2/8V	.579
X/CV	.576
	.6323

MACH (3) = 1.105 BEIAT (7) = 6.180

Z/BV	.579
X/LV	.576
	.5455

$$\text{MTC-}(3) = 1.151 \text{ BEAT}(8) = 8.255$$

945
ADX
ASZ
646

$\text{MACH (4)} = 1.245 \text{ BEAT : 1:} = -8.160$

6476	940
6477	ADX
6478	7/8Z

$\text{WACH} (4) = 1.250 \text{ BETAT} (2) = -6.110$

645
Z/8V

$$\text{MACH (4)} = 1.249 \quad \text{BETAT (3)} = -4.075$$

345	555
X/X	
Z/B	645

$\text{MACH} (4) = 1.248 \quad \text{BETAT} (4) = -2.933$

ADZ	.576	.6540
ADZ	.579	

$$\text{MACH} (4) = 1.246 \quad \text{PETAT} (5) = 2.563$$

Z/5V	.079
X/CV	.076

$$\text{MACH} (4) = 1.245 \quad \text{BETAT} (6) = 4.110$$

945
X/CV
Z/BV
949

$$\text{MCH}^+ (4) = 1.267 \text{ BEAT} (7) = 6.195$$

25V	.579
VCV	.576
	.6287

ADIC (4) = 1.225 ESTAT (0) = 8.200

ADX	5235
AGZ	545

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2939

AVES 11-707 1A9 02A + S3 + T9 APU INLET

(KSNF09) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 ORBINC = .500
 RUDSER = .770 ELEVCH = .000
 RUDEFL = .000

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (1) = .598	BETAT (1) = -0.090	Z/BV	.079
		X/CV	.076
			.5200
MACH (1) = .597	BETAT (2) = -6.060	Z/BV	.079
		X/CV	.076
			.5310
MACH (1) = .598	BETAT (3) = -4.080	Z/BV	.079
		X/CV	.076
			.4470
MACH (1) = .598	BETAT (4) = -2.010	Z/BV	.079
		X/CV	.076
			.5990
MACH (1) = .596	BETAT (5) = .020	Z/BV	.079
		X/CV	.076
			.7600
MACH (1) = .598	BETAT (6) = 2.090	Z/BV	.079
		X/CV	.076
			.6740
MACH (1) = .597	BETAT (7) = 4.060	Z/BV	.079
		X/CV	.076
			.4510
MACH (1) = .597	BETAT (8) = 6.120	Z/BV	.079
		X/CV	.076
			.5690
MACH (1) = .598	BETAT (9) = 8.150	Z/BV	.079
		X/CV	.076
			.5060
MACH (2) = .699	BETAT (1) = -6.170	Z/BV	.079
		X/CV	.076
			.3940

735079

DATE 21 SEP 73 TABULATED PRESSURE DATA - IASA

AVES 11-707 1A9 02A + 53 + 79 ARJ INLET

SECTION (1) ARJ INLET DEPENDENT VARIABLE CP

MACH (2) = .907	BETAT (2) = -6.120	Z/8V X/CV	.079 .4550
MACH (2) = .901	BETAT (3) = -4.080	Z/8V X/CV	.079 .4550
MACH (2) = .899	BETAT (4) = -2.030	Z/8V X/CV	.079 .5190
MACH (2) = .903	BETAT (5) = 2.070	Z/8V X/CV	.079 .5230
MACH (2) = .901	BETAT (6) = 4.130	Z/8V X/CV	.079 .4440
MACH (2) = .900	BETAT (7) = 6.180	Z/8V X/CV	.079 .4170
MACH (2) = .900	BETAT (8) = 8.240	Z/8V X/CV	.079 .3970
MACH (3) = 1.103	BETAT (1) = -8.190	Z/8V X/CV	.079 .4550
MACH (3) = 1.103	BETAT (2) = -6.140	Z/8V X/CV	.079 .5000
MACH (3) = 1.103	BETAT (3) = -4.080	Z/8V X/CV	.079 .5240
MACH (3) = 1.103	BETAT (4) = -2.030	Z/8V X/CV	.079 .6450
MACH (3) = 1.103	BETAT (5) = 2.080	Z/8V X/CV	.079 .6790

DATE 21 SEP 75 TABULATED PRESSURE DATA - 1A9A

(RESMP09)

AMES 11-707 1A9 02A + S3 + T9 APU INLET

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (6) = 4.140 Z/BV .079
X/CV .076 .6270

MACH (3) = 1.101 BETAT (7) = 6.210 Z/BV .079
X/CV .076 .5260

MACH (3) = 1.104 BETAT (8) = 8.260 Z/BV .079
X/CV .076 .4460

MACH (4) = 1.246 BETAT (1) = -8.150 Z/BV .079
X/CV .076 .3790

MACH (4) = 1.248 BETAT (2) = -6.110 Z/BV .079
X/CV .076 .4760

MACH (4) = 1.249 BETAT (3) = -4.060 Z/BV .079
X/CV .076 .5020

MACH (4) = 1.248 BETAT (4) = -2.020 Z/BV .079
X/CV .076 .6340

MACH (4) = 1.249 BETAT (5) = 2.070 Z/BV .079
X/CV .076 .6010

MACH (4) = 1.249 BETAT (6) = 4.110 Z/BV .079
X/CV .076 .5710

MACH (4) = 1.249 BETAT (7) = 6.170 Z/BV .079
X/CV .076 .5670

MACH (4) = 1.246 BETAT (8) = 8.210 Z/BV .079
X/CV .076 .3460

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RSMPT10) (28 APR 73)

ANES 11-707 1A9 Q2A + S3 + T9 APU INLET

PARAMETRIC DATA

ALPHAT = 6.000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUDDFLR = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 YREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (1) = .597	BETAT (1) = -3.070	Z/BV	.079
		X/CV	.3620
			.076
MACH (1) = .598	BETAT (2) = -6.090	Z/BV	.079
		X/CV	.5320
			.076
MACH (1) = .597	BETAT (3) = -4.030	Z/BV	.079
		X/CV	.4700
			.076
MACH (1) = .597	BETAT (4) = -2.010	Z/BV	.079
		X/CV	.6150
			.076
MACH (1) = .598	BETAT (5) = .020	Z/BV	.079
		X/CV	.7920
			.076
MACH (1) = .598	BETAT (6) = 2.060	Z/BV	.079
		X/CV	.6030
			.076
MACH (1) = .597	BETAT (7) = 4.090	Z/BV	.079
		X/CV	.4540
			.076
MACH (1) = .598	BETAT (8) = 6.130	Z/BV	.079
		X/CV	.5320
			.076
MACH (1) = .596	BETAT (9) = 8.170	Z/BV	.079
		X/CV	.5500
			.076
MACH (2) = .902	BETAT (1) = -8.160	Z/BV	.079
		X/CV	.4220
			.076

DATE 21 SEP 79 TABULATED PRESSURE DATA - IASA
 ANES 11-707 IAS O2A + S3 + T9 APU INLET

(REMOVED)

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (2) = -6.110	Z/BV .079
	X/CV .076
	.4170
MACH (2) = .905 BETAT (3) = -4.070	Z/BV .079
	X/CV .076
	.4160
MACH (2) = .902 BETAT (4) = -2.030	Z/BV .079
	X/CV .076
	.5100
MACH (2) = .902 BETAT (5) = 2.060	Z/BV .079
	X/CV .076
	.5140
MACH (2) = .901 BETAT (6) = 4.130	Z/BV .079
	X/CV .076
	.4220
MACH (2) = .901 BETAT (7) = 6.200	Z/BV .079
	X/CV .076
	.4030
MACH (2) = .900 BETAT (8) = 8.260	Z/BV .079
	X/CV .076
	.3810
MACH (3) = 1.103 BETAT (1) = -8.180	Z/BV .079
	X/CV .076
	.4740
MACH (3) = 1.103 BETAT (2) = -6.130	Z/BV .079
	X/CV .076
	.5360
MACH (3) = 1.102 BETAT (3) = -4.060	Z/BV .079
	X/CV .076
	.5760
MACH (3) = 1.102 BETAT (4) = -2.020	Z/BV .079
	X/CV .076
	.6190
MACH (3) = 1.102 BETAT (5) = 2.060	Z/BV .079
	X/CV .076
	.6570

ANES 11-707 1A9 02A + S3 + T9 APU INLET

(REV'D)

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (3) = 1.102	BETAT (6) = 4.140	Z/BV	.079
		X/CV	.5580
			.076
MACH (3) = 1.100	BETAT (7) = 6.210	Z/BV	.079
		X/CV	.6450
			.076
MACH (3) = 1.106	BETAT (8) = 8.280	Z/BV	.079
		X/CV	.4860
			.076
MACH (4) = 1.246	BETAT (1) = -8.140	Z/BV	.079
		X/CV	.4900
			.076
MACH (4) = 1.248	BETAT (2) = -6.080	Z/BV	.079
		X/CV	.6430
			.076
MACH (4) = 1.250	BETAT (3) = -4.090	Z/BV	.079
		X/CV	.5540
			.076
MACH (4) = 1.249	BETAT (4) = -2.020	Z/BV	.079
		X/CV	.5600
			.076
MACH (4) = 1.245	BETAT (5) = 2.070	Z/BV	.079
		X/CV	.5470
			.076
MACH (4) = 1.247	BETAT (6) = 4.120	Z/BV	.077
		X/CV	.5640
			.076
MACH (4) = 1.246	BETAT (7) = 6.160	Z/BV	.079
		X/CV	.6170
			.076
MACH (4) = 1.247	BETAT (8) = 8.220	Z/BV	.079
		X/CV	.4500
			.076

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.500 ORBINC = .500
 RUDDER = .500 ELEVON = .500
 RUDDFLR = .500

DEPENDENT VARIABLE CP

SECTION (1) APU INLET

MACH (1) = .599	BETAT (1) = -6.040	Z/BV X/CV	.079 .076	.4800
MACH (1) = .597	BETAT (2) = -6.030	Z/BV X/CV	.079 .076	.5250
MACH (1) = .597	BETAT (3) = -4.010	Z/BV X/CV	.079 .076	.4620
MACH (1) = .599	BETAT (4) = -2.000	Z/BV X/CV	.079 .076	.5720
MACH (1) = .600	BETAT (5) = .020	Z/BV X/CV	.079 .076	.7900
MACH (1) = .598	BETAT (6) = 2.060	Z/BV X/CV	.079 .076	.5450
MACH (1) = .597	BETAT (7) = 3.080	Z/BV X/CV	.079 .076	.4770
MACH (1) = .600	BETAT (8) = 4.100	Z/BV X/CV	.079 .076	.4680
MACH (1) = .601	BETAT (9) = 6.150	Z/BV X/CV	.079 .076	.5480
MACH (1) = .600	BETAT (10) = 6.190	Z/BV X/CV	.079 .076	.5570

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AIES 11-707 1A9 02A + S3 + T9 APU INLET

(REF:11)

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (2) = .900	BETAT (1) = -8.140	Z/BV	.079
		X/CV	.4410
			.076
MACH (2) = .903	BETAT (2) = -6.090	Z/BV	.079
		X/CV	.4130
			.076
MACH (2) = .903	BETAT (3) = -4.060	Z/BV	.079
		X/CV	.4180
			.076
MACH (2) = .901	BETAT (4) = -2.020	Z/BV	.079
		X/CV	.5100
			.076
MACH (2) = .901	BETAT (5) = 2.080	Z/BV	.079
		X/CV	.5110
			.076
MACH (2) = .900	BETAT (6) = 4.150	Z/BV	.079
		X/CV	.4110
			.076
MACH (2) = .902	BETAT (7) = 6.200	Z/BV	.079
		X/CV	.3780
			.076
MACH (2) = .900	BETAT (8) = 8.280	Z/BV	.079
		X/CV	.3730
			.076
MACH (3) = 1.103	BETAT (1) = -8.150	Z/BV	.079
		X/CV	.6030
			.076
MACH (3) = 1.098	BETAT (2) = -6.110	Z/BV	.079
		X/CV	.5750
			.076
MACH (3) = 1.102	BETAT (3) = -4.070	Z/BV	.079
		X/CV	.5820
			.076
MACH (3) = 1.101	BETAT (4) = -2.070	Z/BV	.079
		X/CV	.576
			.076

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 APU INLET

(884711)

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (3) = 1.101	BETAT (5) = 2.090	Z/BV	.079
		X/CV	.6440
			.076
MACH (3) = 1.103	BETAT (6) = 4.150	Z/BV	.079
		X/CV	.5850
			.076
MACH (3) = 1.100	BETAT (7) = 6.250	Z/BV	.079
		X/CV	.7240
			.076
MACH (3) = 1.100	BETAT (8) = 8.300	Z/BV	.079
		X/CV	.5160
			.076
MACH (4) = 1.245	BETAT (1) = -8.110	Z/BV	.079
		X/CV	.5340
			.076
MACH (4) = 1.249	BETAT (2) = -6.070	Z/BV	.079
		X/CV	.7180
			.076
MACH (4) = 1.249	BETAT (3) = -4.040	Z/BV	.079
		X/CV	.5750
			.076
MACH (4) = 1.248	BETAT (4) = -2.020	Z/BV	.079
		X/CV	.5880
			.076
MACH (4) = 1.246	BETAT (5) = 2.080	Z/BV	.079
		X/CV	.5920
			.076
MACH (4) = 1.247	BETAT (6) = 4.130	Z/BV	.079
		X/CV	.5850
			.076
MACH (4) = 1.246	BETAT (7) = 6.180	Z/BV	.079
		X/CV	.7500
			.076
MACH (4) = 1.247	BETAT (8) = 8.250	Z/BV	.079
		X/CV	.5420
			.076

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 2958

ANES 11-707 1A9 3BA + S3 + T9 APU INLET

(RBNP12) (26 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 BREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 OFBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUDDLR = .000

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (1) = -8.170	Z/BV	.079
		X/CV	.4230
MACH (1) = 1.100	BETAT (2) = -4.070	Z/BV	.079
		X/CV	.6810
MACH (1) = 1.097	BETAT (3) = .020	Z/BV	.079
		X/CV	.7650
MACH (1) = 1.099	BETAT (4) = 4.160	Z/BV	.079
		X/CV	.7440
MACH (1) = 1.105	BETAT (5) = 8.300	Z/BV	.079
		X/CV	.4690
MACH (2) = 1.250	BETAT (1) = -8.120	Z/BV	.079
		X/CV	.3140
MACH (2) = 1.251	BETAT (2) = -4.050	Z/BV	.079
		X/CV	.4720
MACH (2) = 1.246	BETAT (3) = .020	Z/BV	.079
		X/CV	.6650
MACH (2) = 1.245	BETAT (4) = 4.130	Z/BV	.079
		X/CV	.5270
MACH (2) = 1.247	BETAT (5) = 8.250	Z/BV	.079
		X/CV	.3530

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REF13) (28 APR 73)

AMES 11-707 1A9 02A + S3 + T9 APU INLET

REFERENCE DATA

SREF = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 EREF = 39.9490 INCHES ZGRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -5.500 ORBIN = .500
 RUDDER = -5.500 ELEVON = .500
 RUDSLR = .500

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (1) = 1.102	BETAT (1) = -8.180	Z/BV X/CV	.079 .4500
MACH (1) = 1.098	BETAT (2) = -4.080	Z/BV X/CV	.079 .6380
MACH (1) = 1.101	BETAT (3) = .020	Z/BV X/CV	.079 .7420
MACH (1) = 1.097	BETAT (4) = 4.140	Z/BV X/CV	.079 .7180
MACH (1) = 1.102	BETAT (5) = 8.290	Z/BV X/CV	.079 .4680
MACH (2) = 1.245	BETAT (1) = -8.130	Z/BV X/CV	.079 .3230
MACH (2) = 1.251	BETAT (2) = -4.060	Z/BV X/CV	.079 .4230
MACH (2) = 1.246	BETAT (3) = .020	Z/BV X/CV	.079 .6290
MACH (2) = 1.245	BETAT (4) = 4.120	Z/BV X/CV	.079 .4820
MACH (2) = 1.247	BETAT (5) = 8.250	Z/BV X/CV	.079 .3340

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 APU INLET

REMP14) (28 APR 73

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = -500
 RUDDER = -5.000 ELEVON = .000
 RUOFLR = .000

REFERENCE DATA

SREF = 2.4210 SG.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1)APU INLET DEPENDENT VARIABLE CP

MACH (1) = 1.098	BETAT (1) = -8.180	Z/BV	.079
		X/CV	.076
MACH (1) = 1.101	BETAT (2) = -4.080	Z/BV	.079
		X/CV	.076
MACH (1) = 1.099	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
MACH (1) = 1.103	BETAT (4) = 4.130	Z/BV	.079
		X/CV	.076
MACH (1) = 1.099	BETAT (5) = 8.260	Z/BV	.079
		X/CV	.076
MACH (2) = 1.246	BETAT (1) = -8.140	Z/BV	.079
		X/CV	.076
MACH (2) = 1.244	BETAT (2) = -4.060	Z/BV	.079
		X/CV	.076
MACH (2) = 1.247	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
MACH (2) = 1.245	BETAT (4) = 4.110	Z/BV	.079
		X/CV	.076
MACH (2) = 1.250	BETAT (5) = 8.210	Z/BV	.079
		X/CV	.076

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A4

PAGE 2571

AVES 11-757 1A9 OCA + S3 + T9 APU INLET

(SMP15) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8690 INCHES YMRP = .0000 INCHES
 BREF = 39.8690 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -2.700 ORBINC = -500
 RUDDER = -5.000 ELETON = .000
 RUDDLR = .000

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (1) = -0.200	Z/BV	.079
		X/CV	.076
			.4280
MACH (1) = 1.102	BETAT (2) = -4.080	Z/BV	.079
		X/CV	.076
			.6590
MACH (1) = 1.103	BETAT (3) = .080	Z/BV	.079
		X/CV	.076
			.6400
MACH (1) = 1.097	BETAT (4) = 4.140	Z/BV	.079
		X/CV	.076
			.6780
MACH (1) = 1.100	BETAT (5) = 8.250	Z/BV	.079
		X/CV	.076
			.4690
MACH (2) = 1.245	BETAT (1) = -8.150	Z/BV	.079
		X/CV	.076
			.2520
MACH (2) = 1.249	BETAT (2) = -4.070	Z/BV	.079
		X/CV	.076
			.5350
MACH (2) = 1.247	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.5740
MACH (2) = 1.247	BETAT (4) = 4.110	Z/BV	.079
		X/CV	.076
			.6290
MACH (2) = 1.246	BETAT (5) = 8.200	Z/BV	.079
		X/CV	.076
			.2820

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

PAGE 0972

AVES 11-707 1A9 02A ~ S3 + TS APU INLET

(REVISED) (28 APR 75)

REFERENCE DATA

SEFP = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.210 Z/BV .079
 X/CV .076 .4360

MACH (1) = 1.098 BETAT (2) = -8.090 Z/BV .079
 X/CV .076 .5880

MACH (1) = 1.100 BETAT (3) = .020 Z/BV .079
 X/CV .076 .6120

MACH (1) = 1.100 BETAT (4) = 4.130 Z/BV .079
 X/CV .076 .7270

MACH (1) = 1.099 BETAT (5) = 8.280 Z/BV .079
 X/CV .076 .4720

MACH (2) = 1.247 BETAT (1) = -8.150 Z/BV .079
 X/CV .076 .2880

MACH (2) = 1.247 BETAT (2) = -4.070 Z/BV .079
 X/CV .076 .5970

MACH (2) = 1.247 BETAT (3) = .020 Z/BV .079
 X/CV .076 .5360

MACH (2) = 1.244 BETAT (4) = 4.110 Z/BV .079
 X/CV .076 .7250

MACH (2) = 1.244 BETAT (5) = 8.200 Z/BV .079
 X/CV .076 .2950

PARAMETRIC DATA

ALPHAT = .000 OFFLINE = .500
 RUDDER = -5.000 SLEW = .000
 RUDDLE = .000

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 AFU INLET

PERMIT (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0350 SCALE

PARAMETRIC DATA

ALPHAT = 2.500 COSINC = .500
 RUFER = -5.726 ELEVON = .000
 RUFELR = .000

SECTION (1) AFU INLET DEPENDENT VARIABLE CP

MACH (1) = 1.152	BETAT (1) = -8.200	Z/BV	.079
		X/CV	.076
			.4470
MACH (1) = 1.098	BETAT (2) = -4.080	Z/BV	.079
		X/CV	.076
			.5660
MACH (1) = 1.192	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.6470
MACH (1) = 1.100	BETAT (4) = 4.130	Z/BV	.079
		X/CV	.076
			.6910
MACH (1) = 1.099	BETAT (5) = 8.250	Z/BV	.079
		X/CV	.076
			.6620
MACH (2) = 1.244	BETAT (1) = -8.150	Z/BV	.079
		X/CV	.076
			.3150
MACH (2) = 1.251	BETAT (2) = -4.060	Z/BV	.079
		X/CV	.076
			.5970
MACH (2) = 1.248	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.5290
MACH (2) = 1.244	BETAT (4) = 4.100	Z/BV	.079
		X/CV	.076
			.7370
MACH (2) = 1.245	BETAT (5) = 8.220	Z/BV	.079
		X/CV	.076
			.3370

1102 2874

123 APR 73

TABULATED PRESSURE DATA - 1A9A

DATE 21 SEP 72

AGES 11-707 1A9 02A + S3 + T9 AFJ INLET

REFERENCE DATA

SREF = 2.4210 SQ.FT. YREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 79.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0000 SCALE

DEPENDENT VARIABLE CP

SECTION (1) AFJ INLET

MACH (1) = 1.100	BETAT (1) = -0.200	Z/BN	X/CN
		.079	.076
		.076	.0720
MACH (1) = 1.095	BETAT (2) = -4.080	Z/BN	X/CN
		.079	.076
		.076	.0200
MACH (1) = 1.090	BETAT (3) = .020	Z/BN	X/CN
		.079	.076
		.076	.0200
MACH (1) = 1.130	BETAT (4) = 4.130	Z/BN	X/CN
		.079	.076
		.076	.0200
MACH (1) = 1.095	BETAT (5) = 0.260	Z/BN	X/CN
		.079	.076
		.076	.0200
MACH (2) = 1.244	BETAT (1) = -0.160	Z/BN	X/CN
		.079	.076
		.076	.0200
MACH (2) = 1.244	BETAT (2) = -4.130	Z/BN	X/CN
		.079	.076
		.076	.0200
MACH (2) = 1.247	BETAT (3) = .020	Z/BN	X/CN
		.079	.076
		.076	.0200
MACH (2) = 1.249	BETAT (4) = 4.120	Z/BN	X/CN
		.079	.076
		.076	.0200
MACH (2) = 1.245	BETAT (5) = 0.215	Z/BN	X/CN
		.079	.076
		.076	.0200

REFERENCE DATA

ALPHA = 0.0000
 RUMBER = 0.0000
 RUMBER = 0.0000

DATE 21 SEP 73 TABULATED PRESSURE DATA - IASA

ANES 11-707 IAS OCA + S3 + T9 APU INLET (RBNP19) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 6.000 ORBINC = .500
RUDEER = -5.000 ELEVON = .000
RUDEFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) APU INLET

MACH (1) = 1.101	BETAT (1) = -8.180	Z/BV	.079
		X/CV	.076
			.4900
MACH (1) = 1.098	BETAT (2) = -4.080	Z/BV	.079
		X/CV	.076
			.5760
MACH (1) = 1.101	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.7440
MACH (1) = 1.103	BETAT (4) = 4.150	Z/BV	.079
		X/CV	.076
			.5620
MACH (1) = 1.100	BETAT (5) = 8.280	Z/BV	.079
		X/CV	.076
			.4820
MACH (2) = 1.246	BETAT (1) = -8.120	Z/BV	.079
		X/CV	.076
			.4410
MACH (2) = 1.250	BETAT (2) = -4.050	Z/BV	.079
		X/CV	.076
			.5520
MACH (2) = 1.247	BETAT (3) = .010	Z/BV	.079
		X/CV	.076
			.7260
MACH (2) = 1.243	BETAT (4) = 4.120	Z/BV	.079
		X/CV	.076
			.5650
MACH (2) = 1.244	BETAT (5) = 8.230	Z/BV	.079
		X/CV	.076
			.4430

ANES 11-707 1A9 02A + S3 + T9 APU INLET

(RBMF20) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUDELR = .000

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (1) = -8.160	Z/BV	.079
		X/CV	.076
			.5980
MACH (1) = 1.101	BETAT (2) = -4.070	Z/BV	.079
		X/CV	.076
			.5790
MACH (1) = 1.099	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.8030
MACH (1) = 1.100	BETAT (4) = 4.160	Z/BV	.079
		X/CV	.076
			.5930
MACH (1) = 1.099	BETAT (5) = 8.300	Z/BV	.079
		X/CV	.076
			.5170
MACH (2) = 1.245	BETAT (1) = -8.110	Z/BV	.079
		X/CV	.076
			.5290
MACH (2) = 1.248	BETAT (2) = -4.040	Z/BV	.079
		X/CV	.076
			.5680
MACH (2) = 1.245	BETAT (3) = .010	Z/BV	.079
		X/CV	.076
			.7720
MACH (2) = 1.245	BETAT (4) = 4.130	Z/BV	.079
		X/CV	.076
			.5830
MACH (2) = 1.243	BETAT (5) = 7.210	Z/BV	.079
		X/CV	.076
			.7810

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 IAS O2A + S3 + T9 AFU INLET

(RBMP21) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) AFU INLET

DEPENDENT VARIABLE CP

MACH (1) = 1.100	BETAT (1) = -8.170	Z/BV	.079
		X/CV	.076
MACH (1) = 1.104	BETAT (2) = -4.080	Z/BV	.079
		X/CV	.076
MACH (1) = 1.099	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
MACH (1) = 1.101	BETAT (4) = 4.150	Z/BV	.079
		X/CV	.076
MACH (1) = 1.100	BETAT (5) = 8.300	Z/BV	.079
		X/CV	.076
MACH (2) = 1.245	BETAT (1) = -8.120	Z/BV	.079
		X/CV	.076
MACH (2) = 1.252	BETAT (2) = -4.050	Z/BV	.079
		X/CV	.076
MACH (2) = 1.250	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
MACH (2) = 1.246	BETAT (4) = 4.130	Z/BV	.079
		X/CV	.076
MACH (2) = 1.247	BETAT (5) = 8.280	Z/BV	.079
		X/CV	.076

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
 RUDDER = -10.000 ELEVON = .000
 RUFLR = .500

TABULATED PRESSURE DA.4 - 1A9A

DATE 21 SEP 73

(RBNF22) (28 APR 73)

AVES 11-707 1A9 02A + S3 + T9 APU INLET

REFERENCE DATA

SRPF = 2.4215 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.0000 ORBINC = .5000
 RUDDER = -10.0000 ELEVON = .0000
 RUDDLR = .0000

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (1) = -8.190	Z/BV X/CV	.079 .076	.4510
MACH (1) = 1.097	BETAT (2) = -4.080	Z/BV X/CV	.079 .076	.6400
MACH (1) = 1.098	BETAT (3) = .020	Z/BV X/CV	.079 .076	.7970
MACH (1) = 1.100	BETAT (4) = 4.140	Z/BV X/CV	.079 .076	.7120
MACH (1) = 1.099	BETAT (5) = 8.280	Z/BV X/CV	.079 .076	.4570
MACH (2) = 1.247	BETAT (1) = -8.140	Z/BV X/CV	.079 .076	.3160
MACH (2) = 1.247	BETAT (2) = -4.060	Z/BV X/CV	.079 .076	.4230
MACH (2) = 1.250	BETAT (3) = .020	Z/BV X/CV	.079 .076	.6340
MACH (2) = 1.250	BETAT (4) = 4.120	Z/BV X/CV	.079 .076	.4890
MACH (2) = 1.249	BETAT (5) = 8.230	Z/BV X/CV	.079 .076	.3320

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TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 APU INLET

(RBW23) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .5000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0320 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = .500
 RUDDER = -10.000 ELEVON = .500
 RUDEFL = .000

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (1) = 1.099	BETAT (1) = -8.200	Z/BV	.079
		X/CV	.076
			.4530
MACH (1) = 1.097	BETAT (2) = -4.099	Z/BV	.079
		X/CV	.076
			.6740
MACH (1) = 1.101	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.7040
MACH (1) = 1.102	BETAT (4) = 4.140	Z/BV	.079
		X/CV	.076
			.7950
MACH (1) = 1.098	BETAT (5) = 8.260	Z/BV	.079
		X/CV	.076
			.4920
MACH (2) = 1.248	BETAT (1) = -8.190	Z/BV	.079
		X/CV	.076
			.3380
MACH (2) = 1.249	BETAT (2) = -4.060	Z/BV	.079
		X/CV	.076
			.4090
MACH (2) = 1.248	BETAT (3) = .010	Z/BV	.079
		X/CV	.076
			.5920
MACH (2) = 1.247	BETAT (4) = 4.120	Z/BV	.079
		X/CV	.076
			.4550
MACH (2) = 1.246	BETAT (5) = 8.210	Z/BV	.079
		X/CV	.076
			.3610

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TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 Q2A + S3 + T9 APU INLET

RBMF24) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 GRBINC = .500
 RUDDER = -10.000 ELEVON = .000
 RUOTLR = .000

DEPENDENT VARIABLE CP

SECTION (1) APU INLET

MACH	BETAT	Z/BV	X/CV
MACH (1) = 1.100	BETAT (1) = -8.200	.079	.076
MACH (1) = 1.098	BETAT (2) = -4.090	.079	.4190
MACH (1) = 1.098	BETAT (3) = .090	.079	.076
MACH (1) = 1.097	BETAT (4) = 4.130	.079	.6500
MACH (1) = 1.101	BETAT (5) = 8.250	.079	.076
MACH (2) = 1.246	BETAT (1) = -8.150	.079	.4600
MACH (2) = 1.249	BETAT (2) = -4.070	.079	.2530
MACH (2) = 1.249	BETAT (3) = .020	.079	.5350
MACH (2) = 1.249	BETAT (4) = 4.110	.079	.076
MACH (2) = 1.248	BETAT (5) = 8.200	.079	.6350
MACH (2) = 1.248	BETAT (5) = 8.200	.079	.076
MACH (2) = 1.248	BETAT (5) = 8.200	.079	.2790

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBNF25) (28 APR 73)

AVES 11-707 1A9 02A + S3 + T9 APU INLET

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0350 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .505
 RUDDER = -10.000 ELEVON = .000
 RUOFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) APU INLET

MACH (1) = 1.598	BETAT (1) = -8.200	Z/BV	.079
		X/CV	.4640
			.076
MACH (1) = 1.595	BETAT (2) = -4.090	Z/BV	.079
		X/CV	.6090
			.076
MACH (1) = 1.599	BETAT (3) = .020	Z/BV	.079
		X/CV	.6180
			.076
MACH (1) = 1.100	BETAT (4) = 4.130	Z/BV	.079
		X/CV	.7240
			.076
MACH (1) = 1.096	BETAT (5) = 8.260	Z/BV	.079
		X/CV	.4730
			.076
MACH (2) = 1.246	BETAT (1) = -8.160	Z/BV	.079
		X/CV	.2970
			.076
MACH (2) = 1.248	BETAT (2) = -4.070	Z/BV	.079
		X/CV	.5790
			.076
MACH (2) = 1.249	BETAT (3) = .020	Z/BV	.079
		X/CV	.5350
			.076
MACH (2) = 1.251	BETAT (4) = 4.110	Z/BV	.079
		X/CV	.7140
			.076
MACH (2) = 1.248	BETAT (5) = 8.200	Z/BV	.079
		X/CV	.2910
			.076

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AMES 11-707 1A9 OCA + S3 + T9 APU INLET

TEMP261 (28 APR 73)

REFERENCE DATA

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.6490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

ALPHAT = 2.359 ORBINC = .950
 RUDDER = -25.000 ELEVON = .800
 RUDELE = .000

DEPENDENT VARIABLE CP

SECTION (1) APU INLET

MACH (1) = 1.099	BETAT (1) = -8.210	Z/BV X/CV	.079 .5240
MACH (1) = 1.099	BETAT (2) = -4.090	Z/BV X/CV	.079 .5160
MACH (1) = 1.100	BETAT (3) = .020	Z/BV X/CV	.079 .6470
MACH (1) = 1.101	BETAT (4) = 4.130	Z/BV X/CV	.079 .6120
MACH (1) = 1.098	BETAT (5) = 8.260	Z/BV X/CV	.079 .5740
MACH (2) = 1.247	BETAT (1) = -8.160	Z/BV X/CV	.079 .3110
MACH (2) = 1.250	BETAT (2) = -4.070	Z/BV X/CV	.079 .5610
MACH (2) = 1.248	BETAT (3) = .020	Z/BV X/CV	.079 .5300
MACH (2) = 1.246	BETAT (4) = 4.100	Z/BV X/CV	.079 .7230
MACH (2) = 1.247	BETAT (5) = 8.200	Z/BV X/CV	.079 .3200

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 APU INLET

(REMP27) (28 APR 75)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .5300 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 ORBINC = .500
 RUDDER = -10.000 ELEVON = .000
 RUOFLR = .000

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (1) = 1.097	BETAT (1) = -8.200	Z/BV	.079
		X/CV	.076
			.5770
MACH (1) = 1.099	BETAT (2) = -4.090	Z/BV	.079
		X/CV	.076
			.5160
MACH (1) = 1.100	BETAT (3) = .000	Z/BV	.079
		X/CV	.076
			.6990
MACH (1) = 1.099	BETAT (4) = 4.140	Z/BV	.079
		X/CV	.076
			.5910
MACH (1) = 1.101	BETAT (5) = 8.260	Z/BV	.079
		X/CV	.076
			.4670
MACH (2) = 1.249	BETAT (1) = -8.190	Z/BV	.079
		X/CV	.076
			.3620
MACH (2) = 1.247	BETAT (2) = -4.090	Z/BV	.079
		X/CV	.076
			.5000
MACH (2) = 1.249	BETAT (3) = .000	Z/BV	.079
		X/CV	.076
			.6230
MACH (2) = 1.251	BETAT (4) = 4.110	Z/BV	.079
		X/CV	.076
			.5830
MACH (2) = 1.246	BETAT (5) = 8.210	Z/BV	.079
		X/CV	.076
			.3490

AVES 11-707 1A9 02A + S3 + T9 APU INLET

(CSNFE28) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 6.0000 ORBINC = .8000
 RUDDER = -0.0000 ELEVON = .0000
 RUFLR = .0000

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (1) = 1.099	BETAT (1) = -6.190	Z/BV	.079
		X/CV	.076
			.4880
MACH (1) = 1.098	BETAT (2) = -4.080	Z/BV	.079
		X/CV	.076
			.5770
MACH (1) = 1.099	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.7580
MACH (1) = 1.102	BETAT (4) = 4.150	Z/BV	.079
		X/CV	.076
			.5590
MACH (1) = 1.099	BETAT (5) = 8.280	Z/BV	.079
		X/CV	.076
			.5120
MACH (2) = 1.248	BETAT (1) = -8.130	Z/BV	.079
		X/CV	.076
			.4280
MACH (2) = 1.251	BETAT (2) = -4.060	Z/BV	.079
		X/CV	.076
			.5490
MACH (2) = 1.249	BETAT (3) = .010	Z/BV	.079
		X/CV	.076
			.7200
MACH (2) = 1.245	BETAT (4) = 4.120	Z/BV	.079
		X/CV	.076
			.5720
MACH (2) = 1.245	BETAT (5) = 8.230	Z/BV	.079
		X/CV	.076
			.4450

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 C-2 + S3 + T9 APU INLET

(REMPRES) (28 APR 73)

REFERENCE DATA

XREF = 2.4210 SQ.FT. XREF = 28.9300 INCHES
 YREF = 39.8420 INCHES YREF = .0000 INCHES
 ZREF = 39.8420 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 OGBINC = .500
 RUDDER = -10.000 ELEVON = .000
 RUFLER = .000

DEPENDENT VARIABLE CP

SECTION (1) APU INLET

MACH (1)	BETAT (1)	Z/BV	Y/CV
1.098	-8.160	.079	.076
1.096	-4.070	.079	.076
1.098	.020	.079	.076
1.094	4.150	.079	.076
1.098	8.210	.079	.076
1.247	-8.100	.079	.076
1.249	-4.040	.079	.076
1.249	.020	.079	.076
1.249	4.130	.079	.076
1.246	8.250	.079	.076

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TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 AFU INLET

(OPENED) (2 APR 73)

REFERENCE DATA

STREF = 2.4210 SC.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0000 SCALE

SECTION (1) AFU INLET

DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (1) = -8.180	Z/BV	.079	X/CV	.576
MACH (1) = 1.102	BETAT (2) = -4.080	Z/BV	.079	X/CV	.4280
MACH (1) = 1.102	BETAT (3) = .020	Z/BV	.079	X/CV	.6830
MACH (1) = 1.100	BETAT (4) = 4.160	Z/BV	.079	X/CV	.7620
MACH (1) = 1.102	BETAT (5) = 8.310	Z/BV	.079	X/CV	.7360
MACH (2) = 1.244	BETAT (1) = -8.130	Z/BV	.079	X/CV	.4620
MACH (2) = 1.245	BETAT (2) = -4.050	Z/BV	.079	X/CV	.3210
MACH (2) = 1.249	BETAT (3) = .020	Z/BV	.079	X/CV	.4730
MACH (2) = 1.245	BETAT (4) = 4.130	Z/BV	.079	X/CV	.6740
MACH (2) = 1.247	BETAT (5) = 8.250	Z/BV	.079	X/CV	.5350
		Z/BV	.079	X/CV	.3550

PARAMETRIC DATA

ALPHAT = -8.000 OPENIC = .500
 RUDDER = -15.000 ELEVON = .500
 RUDDLE = .000

DATE 21 SEP 73 TUBULATED PRESSURE DATA - 1A9A

(GENE31) (28 APR 73)

ANES 11-707 1A9 OCA + 53 + T9 APU INLET

REFERENCE DATA

SREF = 2.4210 SQ. FT. XMRP = 28.5530 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHA = -5.000 OSMC = .500
 RUDDER = -15.000 ELEVON = .000
 RUDDLR = .000

DEPENDENT VARIABLE CP

SECTION (1) APU INLET

MACH (1) = 1.101	BETAT (1) = -8.190	Z/BV	.079
		X/CV	.076
			.4561
MACH (1) = 1.101	BETAT (2) = -4.090	Z/BV	.079
		X/CV	.076
			.6420
MACH (1) = 1.099	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.7410
MACH (1) = 1.098	BETAT (4) = 4.140	Z/BV	.079
		X/CV	.076
			.7190
MACH (1) = 1.097	BETAT (5) = 8.280	Z/BV	.079
		X/CV	.076
			.4570
MACH (2) = 1.267	BETAT (1) = -8.140	Z/BV	.079
		X/CV	.076
			.3190
MACH (2) = 1.268	BETAT (2) = -4.060	Z/BV	.079
		X/CV	.076
			.6240
MACH (2) = 1.251	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.6310
MACH (2) = 1.251	BETAT (4) = 4.120	Z/BV	.079
		X/CV	.076
			.4840
MACH (2) = 1.250	BETAT (5) = 8.290	Z/BV	.079
		X/CV	.076
			.3330

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 AFU INLET

REMARKS (28 APR 75)

REFERENCE DATA

SRFP = 2.4210 SQ.FT. XMRP = 28.3300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BRFP = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0330 SCALE

GEOMETRIC DATA

ALPHAT = -4.100 OGDINC = .500
 RUDDER = -15.000 ELEVON = .000
 RUDDLE = .000

SECTION (1) AFU INLET DEPENDENT VARIABLE CP

MACH (1) = 1.100	BETAT (1) = -0.200	Z/8V X/CV	.079 .4550
MACH (1) = 1.096	BETAT (2) = -4.090	Z/8V X/CV	.079 .6700
MACH (1) = 1.100	BETAT (3) = .020	Z/8V X/CV	.079 .6970
MACH (1) = 1.101	BETAT (4) = 4.130	Z/8V X/CV	.079 .7050
MACH (1) = 1.101	BETAT (5) = 8.280	Z/8V X/CV	.079 .4850
MACH (2) = 1.249	BETAT (1) = -8.150	Z/8V X/CV	.079 .3370
MACH (2) = 1.250	BETAT (2) = -4.080	Z/8V X/CV	.079 .4560
MACH (2) = 1.250	BETAT (3) = .020	Z/8V X/CV	.079 .5920
MACH (2) = 1.246	BETAT (4) = 4.110	Z/8V X/CV	.079 .4690
MACH (2) = 1.246	BETAT (5) = 8.210	Z/8V X/CV	.079 .3610

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBHP33) (28 APR 73)

AMES 11-707 1A9 02A + S3 + T9 AFU INLET

PARAMETRIC DATA

ALPHAT = -2.000 ORBINC = .500
 RUDDER = -25.000 ELEVON = .000
 RUDDLR = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) AFU INLET DEPENDENT VARIABLE CP

MACH (1) = 1.102	BETAT (1) = -8.200	Z/BV	.079
		X/CV	.076
			.4210
MACH (1) = 1.101	BETAT (2) = -4.090	Z/BV	.079
		X/CV	.076
			.6440
MACH (1) = 1.100	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.6450
MACH (1) = 1.101	BETAT (4) = 4.130	Z/BV	.079
		X/CV	.076
			.6720
MACH (1) = 1.099	BETAT (5) = 8.250	Z/BV	.079
		X/CV	.076
			.4740
MACH (2) = 1.247	BETAT (1) = -8.150	Z/BV	.079
		X/CV	.076
			.2490
MACH (2) = 1.246	BETAT (2) = -4.060	Z/BV	.079
		X/CV	.076
			.5290
MACH (2) = 1.250	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.5670
MACH (2) = 1.250	BETAT (4) = 4.110	Z/BV	.079
		X/CV	.076
			.6290
MACH (2) = 1.248	BETAT (5) = 8.250	Z/BV	.079
		X/CV	.076
			.2880

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 APU INLET

(RBNP34) (28 APR 73)

REFERENCE DATA

SERP = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.9490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .03000 SCALE

PARAMETRIC DATA

ALPHAT = .020 ORBINC = .500
 RUDDER = -15.000 ELEVON = .000
 RUDDLR = .000

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (1) = 1.097	BETAT (1) = -8.200	Z/BV	.079
		X/CV	.076
			.4820
MACH (1) = 1.100	BETAT (2) = -4.090	Z/BV	.079
		X/CV	.076
			.6100
MACH (1) = 1.099	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.6160
MACH (1) = 1.100	BETAT (4) = 4.130	Z/BV	.079
		X/CV	.076
			.7190
MACH (1) = 1.099	BETAT (5) = 8.250	Z/BV	.079
		X/CV	.076
			.5100
MACH (2) = 1.249	BETAT (1) = -8.160	Z/BV	.079
		X/CV	.076
			.2840
MACH (2) = 1.250	BETAT (2) = -4.070	Z/BV	.079
		X/CV	.076
			.5860
MACH (2) = 1.249	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.5350
MACH (2) = 1.249	BETAT (4) = 4.110	Z/BV	.079
		X/CV	.076
			.7230
MACH (2) = 1.247	BETAT (5) = 8.200	Z/BV	.079
		X/CV	.076
			.2870

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 OCA + S3 + T9 APU INLET

(RBMF35) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORBINC = .500
 RUDDER = -15.000 ELEVON = .000
 RUOFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) APU INLET

MACH (1) = 1.102	BETAT (1) = -8.210	Z/BV	.079
		X/CV	.076
			.5040
MACH (1) = 1.095	BETAT (2) = -4.090	Z/BV	.079
		X/CV	.076
			.5000
MACH (1) = 1.099	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.6440
MACH (1) = 1.101	BETAT (4) = 4.130	Z/BV	.079
		X/CV	.076
			.6350
MACH (1) = 1.106	BETAT (5) = 8.250	Z/BV	.079
		X/CV	.076
			.6120
MACH (2) = 1.248	BETAT (1) = -8.160	Z/BV	.079
		X/CV	.076
			.3000
MACH (2) = 1.244	BETAT (2) = -4.070	Z/BV	.079
		X/CV	.076
			.5420
MACH (2) = 1.250	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.5280
MACH (2) = 1.248	BETAT (4) = 4.100	Z/BV	.079
		X/CV	.076
			.7240
MACH (2) = 1.248	BETAT (5) = 8.200	Z/BV	.079
		X/CV	.076
			.3300

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 APU INLET

(RBMP36) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 RREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0330 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 ORBINC = .500
 RUDDER = -15.073 ELEVON = .000
 RUDELR = .000

SECTION (1) APU INLET DEPENDENT VARIABLE C_P

MACH (1) = 1.103	BETAT (1) = -8.200	Z/BV	.079
		X/CV	.076
			.4840
MACH (1) = 1.099	BETAT (2) = -4.090	Z/BV	.079
		X/CV	.076
			.5230
MACH (1) = 1.098	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.6930
MACH (1) = 1.098	BETAT (4) = 4.140	Z/BV	.079
		X/CV	.076
			.6200
MACH (1) = 1.100	BETAT (5) = 8.260	Z/BV	.079
		X/CV	.076
			.5640
MACH (2) = 1.248	BETAT (1) = -8.150	Z/BV	.079
		X/CV	.076
			.3700
MACH (2) = 1.249	BETAT (2) = -4.060	Z/BV	.079
		X/CV	.076
			.5020
MACH (2) = 1.249	BETAT (3) = .010	Z/BV	.079
		X/CV	.076
			.6490
MACH (2) = 1.245	BETAT (4) = 4.110	Z/BV	.079
		X/CV	.076
			.5770
MACH (2) = 1.246	BETAT (5) = 8.210	Z/BV	.079
		X/CV	.076
			.3500

DATE 21 SEP 73

T-BULATED PRESSURE DATA - 1A9A

PAGE 2993

ANES 11-707 IAS OCA + S3 + T9 APU INLET

(RBNP37) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -9.180 Z/BV .079
 X/CV .076 .4900

MACH (1) = 1.100 BETAT (2) = -4.060 Z/BV .079
 X/CV .076 .5740

MACH (1) = 1.098 BETAT (3) = .010 Z/BV .079
 X/CV .076 .7570

MACH (1) = 1.100 BETAT (4) = 4.140 Z/BV .079
 X/CV .076 .5730

MACH (1) = 1.099 BETAT (5) = 8.280 Z/BV .079
 X/CV .076 .4750

MACH (2) = 1.247 BETAT (1) = -8.130 Z/BV .079
 X/CV .076 .4920

MACH (2) = 1.248 BETAT (2) = -4.050 Z/BV .079
 X/CV .076 .5510

MACH (2) = 1.247 BETAT (3) = .020 Z/BV .079
 X/CV .076 .7290

MACH (2) = 1.252 BETAT (4) = 4.120 Z/BV .079
 X/CV .076 .5710

MACH (2) = 1.247 BETAT (5) = 8.230 Z/BV .079
 X/CV .076 .4530

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
 RUDDER = -15.000 ELEVON = .500
 RUOFLR = .000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A3 OBA + S3 + T9 APU INLET

(REMARKS) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
 RIDDER = -15.000 ELEVON = .000
 RUFLUR = .000

DEPENDENT VARIABLE CP

SECTION (1) APU INLET

MACH	BETAT	Z/BV	X/CV
MACH (1) = 1.099	BETAT (1) = -8.170	.079	.076
MACH (1) = 1.099	BETAT (2) = -4.070	.079	.076
MACH (1) = 1.099	BETAT (3) = .020	.079	.076
MACH (1) = 1.095	BETAT (4) = 4.160	.079	.076
MACH (1) = 1.097	BETAT (5) = 8.310	.079	.076
MACH (2) = 1.245	BETAT (1) = -8.110	.079	.076
MACH (2) = 1.251	BETAT (2) = -4.040	.079	.076
MACH (2) = 1.246	BETAT (3) = .020	.079	.076
MACH (2) = 1.245	BETAT (4) = 4.130	.079	.076
MACH (2) = 1.245	BETAT (5) = 8.250	.079	.076

(RBMP39) (28 APR 75)

DATE 21 SEP 73 -ABSULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 APU INLET

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
RUDGER = -5.000 ELEVON = .000
RUDFLR = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5350 INCHES
LREF = 39.8495 INCHES YREF = .0000 INCHES
BREF = 39.8495 INCHES ZREF = .0000 INCHES
SCALE = .0000 SCALE

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

MACH	BETAT (1)	Z/BV	X/CV
MACH (1) = 1.105	BETAT (1) = -0.180	.079	.4220
MACH (1) = 1.097	BETAT (2) = -4.070	.079	.6770
MACH (1) = 1.068	BETAT (3) = .020	.075	.7650
MACH (1) = 1.104	BETAT (4) = 4.160	.079	.0000
MACH (1) = 1.099	BETAT (5) = 8.310	.079	.4580
MACH (2) = 1.251	BETAT (1) = -8.120	.079	.3120
MACH (2) = 1.249	BETAT (2) = -4.050	.079	.4680
MACH (2) = 1.246	BETAT (3) = .020	.079	.6690
MACH (2) = 1.246	BETAT (4) = 4.130	.079	.5280
MACH (2) = 1.245	BETAT (5) = 8.250	.079	.3500

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBN640) (28 APR 73)

AVES 11-707 1A9 02A + S3 + T9 APU INLET

PARAMETRIC DATA

ALPHAT = -4.000 ORSINC = .500
 RUDDER = -5.000 ELEVON = .500
 RUDDLE = .500

REFERENCE DATA

SREF = 2.4710 SQ.FT. XPRP = 29.5300 INCHES
 LREF = 39.8490 INCHES YPRP = .0000 INCHES
 BREF = 39.8490 INCHES ZPRP = .0000 INCHES
 SCALE = .0005 SCALE

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (1) = -8.190	Z/BV	.079
		X/CV	.076
			.4630
MACH (1) = 1.101	BETAT (2) = -4.580	Z/BV	.079
		X/CV	.076
			.6690
MACH (1) = 1.101	BETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.6940
MACH (1) = 1.099	BETAT (4) = 4.140	Z/BV	.079
		X/CV	.076
			.7070
MACH (1) = 1.100	BETAT (5) = 8.260	Z/BV	.079
		X/CV	.076
			.4820
MACH (2) = 1.244	BETAT (1) = -8.150	Z/BV	.079
		X/CV	.076
			.3370
MACH (2) = 1.245	BETAT (2) = -4.060	Z/BV	.079
		X/CV	.076
			.4120
MACH (2) = 1.246	BETAT (3) = .010	Z/BV	.079
		X/CV	.076
			.5950
MACH (2) = 1.252	BETAT (4) = 4.110	Z/BV	.079
		X/CV	.076
			.4520
MACH (2) = 1.250	BETAT (5) = 8.210	Z/BV	.079
		X/CV	.076
			.3630

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 OCA + S3 + T9 APU INLET (RMP41) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LPEF = 39.8490 INCHES YMRP = .0000 INCHES
 SREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (1) = -8.200	Z/BV X/CV	.079 .076	.4380
MACH (1) = 1.098	BETAT (2) = -4.090	Z/BV X/CV	.079 .076	.6090
MACH (1) = 1.100	BETAT (3) = .020	Z/BV X/CV	.079 .076	.6200
MACH (1) = 1.100	BETAT (4) = 4.130	Z/BV X/CV	.079 .076	.7270
MACH (1) = 1.100	BETAT (5) = 8.290	Z/BV X/CV	.079 .076	.4190
MACH (2) = 1.247	BETAT (1) = -8.160	Z/BV X/CV	.079 .076	.2790
MACH (2) = 1.251	BETAT (2) = -4.060	Z/BV X/CV	.079 .076	.5790
MACH (2) = 1.246	BETAT (3) = .020	Z/BV X/CV	.079 .076	.5440
MACH (2) = 1.247	BETAT (4) = 4.110	Z/BV X/CV	.079 .076	.7180
MACH (2) = 1.246	BETAT (5) = 8.200	Z/BV X/CV	.079 .076	.2940

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUDEFL = .000

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(R5422) (28 APR 73)

AVES 11-707 1A9 C2A + S3 + T9 APU INLET

PARAMETRIC DATA

ALPHAT = 4.000 OFSTIC = .500
 RUDDER = -5.000 ELEVON = .100
 RUDELR = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.9480 INCHES YGRP = .0000 INCHES
 BREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0001 SCALE

DEPENDENT VARIABLE CP

SECTION (1) APU INLET

MACH (1) = 1.101	SETAT (1) = -8.190	Z/BV	.079
		X/CV	.076
			.4550
MACH (1) = 1.102	SETAT (2) = -4.090	Z/BV	.079
		X/CV	.076
			.5250
MACH (1) = 1.098	SETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.6820
MACH (1) = 1.099	SETAT (4) = 4.140	Z/BV	.079
		X/CV	.076
			.6100
MACH (1) = 1.100	SETAT (5) = 8.280	Z/BV	.079
		X/CV	.076
			.5090
MACH (2) = 1.245	SETAT (1) = -8.140	Z/BV	.079
		X/CV	.076
			.3750
MACH (2) = 1.246	SETAT (2) = -4.060	Z/BV	.079
		X/CV	.076
			.5010
MACH (2) = 1.249	SETAT (3) = .020	Z/BV	.079
		X/CV	.076
			.6300
MACH (2) = 1.247	SETAT (4) = 4.110	Z/BV	.079
		X/CV	.076
			.5690
MACH (2) = 1.246	SETAT (5) = 8.210	Z/BV	.079
		X/CV	.076
			.3490

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 APU INLET

(RBNP43) (28 SEP 73)

REFERENCE DATA

STEP = 2.4210 SQ.FT. XREF = 28.5000 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 ZREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUOFLR = .000

SECTION (1) APU INLET

DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (1) = -8.160	Z/BV	.079
		X/CV	.5920
MACH (1) = 1.097	BETAT (2) = -4.070	Z/BV	.079
		X/CV	.5980
MACH (1) = 1.101	BETAT (3) = .010	Z/BV	.079
		X/CV	.7970
MACH (1) = 1.099	BETAT (4) = 4.150	Z/BV	.079
		X/CV	.5990
MACH (1) = 1.099	BETAT (5) = 8.300	Z/BV	.079
		X/CV	.5540
MACH (2) = 1.245	BETAT (1) = -8.110	Z/BV	.079
		X/CV	.5310
MACH (2) = 1.249	BETAT (2) = -4.040	Z/BV	.079
		X/CV	.5730
MACH (2) = 1.245	BETAT (3) = .020	Z/BV	.079
		X/CV	.7590
MACH (2) = 1.245	BETAT (4) = 4.130	Z/BV	.079
		X/CV	.5750
MACH (2) = 1.245	BETAT (5) = 8.250	Z/BV	.079
		X/CV	.5480

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 OCA + S3 + T9 APU INLET

(REV 244) (27 APR 73)

REFERENCE DATA

STEP = 2.4210 INCHES
 LREF = 39.8400 INCHES
 BREF = 39.8400 INCHES
 SCALE = .0000 SCALE

XREF = 28.5000 INCHES
 YREF = .0000 INCHES
 ZREF = .0000 INCHES

PARAMETRIC DATA

BETAT = .000
 RUDDER = .000
 RUDDER = .000

SECTION 1: APU INLET

DEPENDENT VARIABLE CP

MACH (1)	ALPHAT (1)	7/8V	7/8V	0.79
		X/CP		
			0.76	0.7971
MACH (1)	ALPHAT (2)	Z/8V	0.79	
		X/CP		0.76
			0.76	0.7500
MACH (2)	ALPHAT (3)	Z/8V	0.79	
		X/CP		0.76
			0.76	0.7090
MACH (3)	ALPHAT (4)	Z/8V	0.79	
		X/CP		0.76
			0.76	0.6540
MACH (4)	ALPHAT (5)	Z/8V	0.79	
		X/CP		0.76
			0.76	0.6110
MACH (5)	ALPHAT (6)	Z/8V	0.79	
		X/CP		0.76
			0.76	0.6210
MACH (6)	ALPHAT (7)	Z/8V	0.79	
		X/CP		0.76
			0.76	0.6890
MACH (7)	ALPHAT (8)	Z/8V	0.79	
		X/CP		0.76
			0.76	0.7600
MACH (8)	ALPHAT (9)	Z/8V	0.79	
		X/CP		0.76
			0.76	0.7910
MACH (9)	ALPHAT (10)	Z/8V	0.79	
		X/CP		0.76
			0.76	0.7930

(RSMF-24)

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 AVES 11-707 1A9 CCA ' S3 + T9 APU INLET

SECTION (1) APL "INLET" DEPENDENT VARIABLE CP

MACH (2) = .850	ALPHAT(2) = -6.030	Z/BV	.079
		X/CV	.076
			.7490
MACH (2) = .899	ALPHAT(3) = -4.020	Z/BV	.079
		X/CV	.076
			.7250
MACH (2) = .900	ALPHAT(4) = -1.890	Z/BV	.079
		X/CV	.076
			.7210
MACH (2) = .902	ALPHAT(5) = .010	Z/BV	.079
		X/CV	.076
			.7110
MACH (2) = .902	ALPHAT(6) = 1.990	Z/BV	.079
		X/CV	.076
			.6870
MACH (2) = .901	ALPHAT(7) = 4.010	Z/BV	.079
		X/CV	.076
			.6700
MACH (2) = .904	ALPHAT(8) = 6.000	Z/BV	.079
		X/CV	.076
			.6640
MACH (2) = .898	ALPHAT(9) = 7.990	Z/BV	.079
		X/CV	.076
			.6510
MACH (3) = 1.103	ALPHAT(1) = -8.010	Z/BV	.079
		X/CV	.076
			.8100
MACH (3) = 1.097	ALPHAT(2) = -5.990	Z/BV	.079
		X/CV	.076
			.7720
MACH (3) = 1.100	ALPHAT(3) = -3.970	Z/BV	.079
		X/CV	.076
			.7370
MACH (3) = 1.110	ALPHAT(4) = -1.990	Z/BV	.079
		X/CV	.076
			.6840

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TABULATED PRESSURE DATA - 1A9A

(23NF-44)

AES 11-707 1A9 02A + S3 + T9 APU INLET

SECTION (1) APU INLET DEPENDENT VARIABLE CP

MACH (3) = 1.100	ALPHAT(5) = .030	Z/BV	.079
		X/CV	.076
			.6460
MACH (3) = 1.101	ALPHAT(6) = 2.040	Z/BV	.079
		X/CV	.076
			.6500
MACH (3) = 1.102	ALPHAT(7) = 3.980	Z/BV	.079
		X/CV	.076
			.6400
MACH (3) = 1.105	ALPHAT(8) = 6.000	Z/BV	.079
		X/CV	.076
			.6840
MACH (3) = 1.102	ALPHAT(9) = 8.010	Z/BV	.079
		X/CV	.076
			.7410
MACH (4) = 1.247	ALPHAT(1) = -8.060	Z/BV	.079
		X/CV	.076
			.7140
MACH (4) = 1.250	ALPHAT(2) = -5.960	Z/BV	.079
		X/CV	.076
			.6630
MACH (4) = 1.247	ALPHAT(3) = -3.960	Z/BV	.079
		X/CV	.076
			.6200
MACH (4) = 1.248	ALPHAT(4) = -2.000	Z/BV	.079
		X/CV	.076
			.5890
MACH (4) = 1.248	ALPHAT(5) = .020	Z/BV	.079
		X/CV	.076
			.5680
MACH (4) = 1.248	ALPHAT(6) = 2.070	Z/BV	.079
		X/CV	.076
			.5400
MACH (4) = 1.248	ALPHAT(7) = 4.020	Z/BV	.079
		X/CV	.076
			.5600

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 OSA + S3 + T9 SRM BOOSTER BASE

(RBN001) (17 JUL 73)

REFERENCE DATA

SREF = 2.4210 59. FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = .601 ALPHAT(1) = -0.140

X/LS	.985	1.000
PHI	.000	-3320
90.000	-2910	
180.000	-3630	
270.000	-3640	

MACH (1) = .598 ALPHAT(2) = -0.130

X/LS	.985	1.000
PHI	.000	-3170
90.000	-2990	
180.000	-3550	
270.000	-3530	

MACH (1) = .597 ALPHAT(3) = -4.100

X/LS	.985	1.000
PHI	.000	-3080
90.000	-2890	
180.000	-3620	
270.000	-3580	

MACH (1) = .599 ALPHAT(4) = -2.060

X/LS	.985	1.000
PHI	.000	-2880
90.000	-2780	
180.000	-3400	
270.000	-3370	

MACH (1) = .597 ALPHAT(5) = -0.060

X/LS	.985	1.000
PHI	.000	-3010
90.000	-2790	
180.000	-3380	
270.000	-3290	

MACH (1) = .598 ALPHAT(6) = 1.960

X/LS	.985	1.000
PHI	.000	-3040
90.000	-2750	
180.000	-3370	
270.000	-3280	

PARAMETRIC DATA

BETAT = .000 ORBINC = 1.500
 RUDDER = .000 ELEVON = .000
 RUOFLR = .000

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
AVES 11-737 1A9 02A + S3 + T9 SRM BOOSTER BASE (REV001)

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = .597 ALPHAT(7) = 3.930
X/LS .985 1.000
PHI
.000 -.3210 -.3480
90.000 -.2740
180.000 -.3440
270.000 -.3520

MACH (1) = .630 ALPHAT(8) = 5.900
X/LS .985 1.000
PHI
.000 -.3290 -.3510
90.000 -.2600
180.000 -.3560
270.000 -.3540

MACH (1) = .599 ALPHAT(9) = 7.950
X/LS .985 1.000
PHI
.000 -.3270 -.3620
90.000 -.2730
180.000 -.3600
270.000 -.3580

MACH (2) = .905 ALPHAT(1) = -8.020
X/LS .985 1.000
PHI
.000 -.3540 -.3990
90.000 -.3340
180.000 -.3880
270.000 -.3760

MACH (2) = .699 ALPHAT(2) = -5.960
X/LS .985 1.000
PHI
.000 -.3490 -.3770
90.000 -.3400
180.000 -.3770
270.000 -.3660

MACH (2) = .696 ALPHAT(3) = -4.000
X/LS .985 1.000
PHI
.000 -.3370 -.3660
90.000 -.3380
180.000 -.3490
270.000 -.3500

MACH (2) = .902 ALPHAT(4) = -1.980
X/LS .985 1.000
PHI
.000 -.3160 -.3620
90.000 -.3170
180.000 -.3500
270.000 -.3370

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REMOVED)

AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = .902 ALPHAT(5) = .030 X/LS .985 1.000
 PHI
 .000 -.3130 -.3550
 90.000 -.3130
 180.000 -.3340
 270.000 -.3450

MACH (2) = .902 ALPHAT(6) = 2.100 X/LS .985 1.000
 PHI
 .000 -.3180 -.3640
 90.000 -.3210
 180.000 -.3460
 270.000 -.3470

MACH (2) = .899 ALPHAT(7) = 4.000 X/LS .985 1.000
 PHI
 .000 -.3360 -.3680
 90.000 -.3280
 180.000 -.3620
 270.000 -.3530

MACH (2) = .901 ALPHAT(8) = 6.000 X/LS .985 1.000
 PHI
 .000 -.3360 -.3830
 90.000 -.3280
 180.000 -.3790
 270.000 -.3700

MACH (2) = .902 ALPHAT(9) = 8.000 X/LS .985 1.000
 PHI
 .000 -.3510 -.3850
 90.000 -.3390
 180.000 -.3920
 270.000 -.3920

MACH (2) = .901 ALPHAT(10) = 10.000 X/LS .985 1.000
 PHI
 .000 -.3650 -.4020
 90.000 -.3410
 180.000 -.4060
 270.000 -.3970

MACH (3) = 1.104 ALPHAT(1) = -0.010 X/LS .985 1.000
 PHI
 .000 -.4450 -.4830
 90.000 -.4340
 180.000 -.4720
 270.000 -.4710

DATE 21 SEP 79

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 CGA + S3 + T9 SRM BOOSTER BASE

(RBNX11)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (3) = 1.101 ALPHAT(2) = -5.990

X/LS	.985	1.000
PHI		
.000	-.4480	-.4740
90.000	-.4280	
180.000	-.4770	
270.000	-.4710	

MACH (3) = 1.104 ALPHAT(3) = -3.960

X/LS	.985	1.000
PHI		
.000	-.4400	-.4590
90.000	-.4230	
180.000	-.4610	
270.000	-.4560	

MACH (3) = 1.102 ALPHAT(4) = -2.000

X/LS	.985	1.000
PHI		
.000	-.4310	-.4510
90.000	-.4250	
180.000	-.4400	
270.000	-.4490	

MACH (3) = 1.102 ALPHAT(5) = .000

X/LS	.985	1.000
PHI		
.000	-.4200	-.4390
90.000	-.4260	
180.000	-.4420	
270.000	-.4350	

MACH (3) = 1.101 ALPHAT(6) = 2.010

X/LS	.985	1.000
PHI		
.000	-.4120	-.4360
90.000	-.4130	
180.000	-.4320	
270.000	-.4330	

MACH (3) = 1.102 ALPHAT(7) = 4.020

X/LS	.985	1.000
PHI		
.000	-.4290	-.4480
90.000	-.4250	
180.000	-.4420	
270.000	-.4450	

MACH (3) = 1.105 ALPHAT(8) = 5.980

X/LS	.985	1.000
PHI		
.000	-.4350	-.4540
90.000	-.4400	
180.000	-.4550	
270.000	-.4470	

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

AVES 11-707 IAS Q2A + S3 + '79 SRM BOOSTER BASE

(REMOVED)

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT (9) = 7.980

X/LS	.985	1.000
PHI	.000	-.4880
90.000	-.4580	
180.000	-.4840	
270.000	-.4790	

MACH (3) = 1.102 ALPHAT (10) = 9.990

X/LS	.985	1.000
PHI	.000	-.4770
90.000	-.4500	-.5020
180.000	-.4950	
270.000	-.4960	

MACH (4) = 1.250 ALPHAT (1) = -8.000

X/LS	.985	1.000
PHI	.000	-.3820
90.000	-.3680	-.4260
180.000	-.4040	
270.000	-.4010	

MACH (4) = 1.252 ALPHAT (2) = -5.980

X/LS	.985	1.000
PHI	.000	-.3790
90.000	-.3630	-.4020
180.000	-.3980	
270.000	-.3950	

MACH (4) = 1.248 ALPHAT (3) = -4.090

X/LS	.985	1.000
PHI	.000	-.3740
90.000	-.3590	-.3950
180.000	-.3900	
270.000	-.3900	

MACH (4) = 1.250 ALPHAT (4) = -1.980

X/LS	.985	1.000
PHI	.000	-.3630
90.000	-.3560	-.3790
180.000	-.3740	
270.000	-.3760	

MACH (4) = 1.249 ALPHAT (5) = .040

X/LS	.985	1.000
PHI	.000	-.3590
90.000	-.3570	-.3780
180.000	-.3720	
270.000	-.3700	

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(REMARKS)

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (4) = 1.247 ALPHAT(6) = 2.030 X/LS .985 1.000 PHI

.000 -.3620 -.3770
90.000 -.3530
180.000 -.3790
270.000 -.3760

MACH (4) = 1.248 ALPHAT(7) = 4.040 X/LS .985 1.000 PHI

.000 -.3700 -.3850
90.000 -.3650
180.000 -.3900
270.000 -.3860

MACH (4) = 1.247 ALPHAT(8) = 6.010 X/LS .985 1.000 PHI

.000 -.3830 -.3970
90.000 -.3790
180.000 -.4010
270.000 -.3950

MACH (4) = 1.247 ALPHAT(9) = 8.010 X/LS .985 1.000 PHI

.000 -.3930 -.4090
90.000 -.3940
180.000 -.4130
270.000 -.4090

MACH (4) = 1.246 ALPHAT(10) = 9.960 X/LS .985 1.000 PHI

.000 -.4080 -.4370
90.000 -.4100
180.000 -.4320
270.000 -.4290

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(REVS02) (17 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

BETAT = .000 ORBINC = .500
 RUDDER = .000 ELEVON = .500
 RUFLR = .000

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE QP

MACH (1) = .598 ALPHAT (1) = -8.000 X/L S .985 1.000
 PHI .000 -.3340 -.3750
 90.000 -.3020
 180.000 -.3690
 270.000 -.3750

MACH (1) = .598 ALPHAT (2) = -6.000 X/L S .985 1.000
 PHI .000 -.3060 -.3640
 90.000 -.3000
 180.000 -.3610
 270.000 -.3580

MACH (1) = .598 ALPHAT (3) = -3.990 X/L S .985 1.000
 PHI .000 -.3080 -.3550
 90.000 -.2880
 180.000 -.3560
 270.000 -.3420

MACH (1) = .598 ALPHAT (4) = -1.910 X/L S .985 1.000
 PHI .000 -.3020 -.3370
 90.000 -.2880
 180.000 -.3470
 270.000 -.3440

MACH (1) = .599 ALPHAT (5) = .000 X/L S .985 1.000
 PHI .000 -.2950 -.3390
 90.000 -.2710
 180.000 -.3360
 270.000 -.3360

MACH (1) = .599 ALPHAT (6) = 2.000 X/L S .985 1.000
 PHI .000 -.3000 -.3340
 90.000 -.2680
 180.000 -.3360
 270.000 -.3370

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(RBNX02)

AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = .597 ALPHAT(7) = 4.020

X/LS	.985	1.000
PHI		
.000	-.3230	-.3640
90.000	-.2840	
180.000	-.3540	
270.000	-.3480	

MACH (1) = .599 ALPHAT(8) = 6.010

X/LS	.985	1.000
PHI		
.000	-.3270	-.3660
90.000	-.2760	
180.000	-.3530	
270.000	-.3490	

MACH (1) = .597 ALPHAT(9) = 8.000

X/LS	.985	1.000
PHI		
.000	-.3390	-.3680
90.000	-.2830	
180.000	-.3660	
270.000	-.3710	

MACH (2) = .953 ALPHAT(1) = -8.000

X/LS	.985	1.000
PHI		
.000	-.3450	-.3980
90.000	-.3240	
180.000	-.3840	
270.000	-.3790	

MACH (2) = .901 ALPHAT(2) = -6.020

X/LS	.985	1.000
PHI		
.000	-.3410	-.3820
90.000	-.3370	
180.000	-.3630	
270.000	-.3580	

MACH (2) = .900 ALPHAT(3) = -4.030

X/LS	.985	1.000
PHI		
.000	-.3170	-.3610
90.000	-.3390	
180.000	-.3540	
270.000	-.3550	

MACH (2) = .896 ALPHAT(4) = -1.990

X/LS	.985	1.000
PHI		
.000	-.3230	-.3690
90.000	-.3360	
180.000	-.3600	
270.000	-.3440	

DATE 21 SEP 79

TABULATED PRESSURE DATA - IASA
AMES 11-707 IAG 02A + S3 + T9 SRM BOOSTER BASE

(SEN002)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = .895 ALPHAT(5) = .010 X/LS .985 1.000
 PHI
 .000 -.3120 -.3650
 90.000 -.3160
 180.000 -.3350
 270.000 -.3570

MACH (2) = .898 ALPHAT(6) = 2.040 X/LS .985 1.000
 PHI
 .000 -.3250 -.3420
 90.000 -.3240
 180.000 -.3530
 270.000 -.3470

MACH (2) = .905 ALPHAT(7) = 4.040 X/LS .985 1.000
 PHI
 .000 -.3290 -.3740
 90.000 -.3070
 180.000 -.3670
 270.000 -.3570

MACH (2) = .897 ALPHAT(8) = 6.030 X/LS .985 1.000
 PHI
 .000 -.3410 -.3850
 90.000 -.3370
 180.000 -.3820
 270.000 -.3830

MACH (2) = .900 ALPHAT(9) = 8.000 X/LS .985 1.000
 PHI
 .000 -.3660 -.4130
 90.000 -.3470
 180.000 -.4120
 270.000 -.4020

MACH (3) = 1.102 ALPHAT(1) = -6.050 X/LS .985 1.000
 PHI
 .000 -.4490 -.4880
 90.000 -.4270
 180.000 -.4750
 270.000 -.4720

MACH (3) = 1.105 ALPHAT(2) = -6.010 X/LS .985 1.000
 PHI
 .000 -.4530 -.4750
 90.000 -.4260
 180.000 -.4670
 270.000 -.4750

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-707 1A9 02A + S3 + T9 SEM BOOSTER BASE

(REMARK2)

DEPENDENT VARIABLE CP

SECTION (1) SEM BOOSTER BASE

MACH (3) = 1.102 ALPHAT(3) = -4.000

X/LS	.985	1.000
PHI	.000	-.4390
		-.4620
90.000	-.4250	
180.000	-.4560	
270.000	-.4530	

MACH (3) = 1.102 ALPHAT(4) = -1.980

X/LS	.985	1.000
PHI	.000	-.4280
		-.4480
90.000	-.4300	
180.000	-.4480	
270.000	-.4430	

MACH (3) = 1.102 ALPHAT(5) = -.000

X/LS	.985	1.000
PHI	.000	-.4260
		-.4450
90.000	-.4240	
180.000	-.4420	
270.000	-.4470	

MACH (3) = 1.102 ALPHAT(6) = 1.980

X/LS	.985	1.000
PHI	.000	-.4130
		-.4400
90.000	-.4130	
180.000	-.4330	
270.000	-.4300	

MACH (3) = 1.102 ALPHAT(7) = 3.980

X/LS	.985	1.000
PHI	.000	-.4170
		-.4480
90.000	-.4250	
180.000	-.4380	
270.000	-.4320	

MACH (3) = 1.102 ALPHAT(8) = 5.970

X/LS	.985	1.000
PHI	.000	-.4320
		-.4600
90.000	-.4430	
180.000	-.4510	
270.000	-.4540	

MACH (3) = 1.101 ALPHAT(9) = 7.940

X/LS	.985	1.000
PHI	.000	-.4470
		-.4810
90.000	-.4550	
180.000	-.4770	
270.000	-.4750	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RENG02)

SECTION (1) SRM BOOSTER BASE		DEPENDENT VARIABLE CP	
MACH (4) = 1.249	ALPHAT(1) = -0.060	X/LS	.985 1.000
		PHI	
		.000	-.3810
		90.000	-.3660
		180.000	-.4020
		270.000	-.4020
MACH (4) = 1.248	ALPHAT(2) = -0.020	X/LS	.985 1.000
		PHI	
		.000	-.3770
		90.000	-.3610
		180.000	-.3980
		270.000	-.3950
MACH (4) = 1.249	ALPHAT(3) = -0.980	X/LS	.985 1.000
		PHI	
		.000	-.3780
		90.000	-.3590
		180.000	-.3910
		270.000	-.3920
MACH (4) = 1.245	ALPHAT(4) = -1.990	X/LS	.985 1.000
		PHI	
		.000	-.3670
		90.000	-.3580
		180.000	-.3820
		270.000	-.3900
MACH (4) = 1.246	ALPHAT(5) = .040	X/LS	.985 1.000
		PHI	
		.000	-.3660
		90.000	-.3590
		180.000	-.3770
		270.000	-.3770
MACH (4) = 1.244	ALPHAT(6) = 2.000	X/LS	.985 1.000
		PHI	
		.000	-.3600
		90.000	-.3570
		180.000	-.3750
		270.000	-.3750
MACH (4) = 1.245	ALPHAT(7) = 3.970	X/LS	.985 1.000
		PHI	
		.000	-.3680
		90.000	-.3670
		180.000	-.3870
		270.000	-.3800

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + SC + T9 SRM BOOSTER BASE

(SMC02)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (4) = 1.245 ALPHAT(8) = 5.990

X/LS	.985	1.000
PHI	.000	-.3940
90.000	-.3860	
180.000	-.4010	
270.000	-.3990	

MACH (4) = 1.247 ALPHAT(9) = 7.980

X/LS	.985	1.000
PHI	.000	-.3930
90.000	-.3970	-.4150
180.000	-.4120	
270.000	-.4100	

MACH (5) = 1.401 ALPHAT(1) = -8.050

X/LS	.985	1.000
PHI	.000	-.3770
90.000	-.3760	-.4010
180.000	-.3970	
270.000	-.3930	

MACH (5) = 1.396 ALPHAT(2) = -5.970

X/LS	.985	1.000
PHI	.000	-.3720
90.000	-.3670	-.3980
180.000	-.3930	
270.000	-.3910	

MACH (5) = 1.396 ALPHAT(3) = -3.980

X/LS	.985	1.000
PHI	.000	-.3710
90.000	-.3590	-.3870
180.000	-.3820	
270.000	-.3860	

MACH (5) = 1.396 ALPHAT(4) = -1.990

X/LS	.985	1.000
PHI	.000	-.3670
90.000	-.3530	-.3820
180.000	-.3780	
270.000	-.3750	

MACH (5) = 1.398 ALPHAT(5) = .000

X/LS	.985	1.000
PHI	.000	-.3630
90.000	-.3510	-.3750
180.000	-.3760	
270.000	-.3740	

DATE 21 SEP 73 TABULATED PRESSURE DATA - IASA

(RBNM02)

ANES 11-707 IAS OEA + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (5) = 1.393 ALPHAT(6) = 2.000 X/LS .985 1.000
 PHI
 .000 -.3620 -.3710
 90.000 -.3680
 180.000 -.3760
 270.000 -.3730

MACH (5) = 1.394 ALPHAT(7) = 3.960 X/LS .985 1.000
 PHI
 .000 -.3660 -.3740
 90.000 -.3690
 180.000 -.3790
 270.000 -.3770

MACH (5) = 1.396 ALPHAT(8) = 6.030 X/LS .985 1.000
 PHI
 .000 -.3700 -.3700
 90.000 -.3670
 180.000 -.3800
 270.000 -.3790

MACH (5) = 1.391 ALPHAT(9) = 7.990 X/LS .985 1.000
 PHI
 .000 -.3760 -.3670
 90.000 -.3630
 180.000 -.3920
 270.000 -.3890

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RBNK033) (18 JUL 73)

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
RUDDER = .000 ELEVON = .000
RUDEFL = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. YWRP = 28.5300 INCHES
LREF = 39.8490 INCHES YWRP = .0000 INCHES
BREF = 39.8490 INCHES ZWRP = .0000 INCHES
SCALE = .0000 SCALE

DEPENDENT VARIABLE CP

SECTION (1) SRM BOOSTER BASE

MACH (1) = .599 BETAT (1) = -0.050
X/LS .985 1.000
PHI .000 -.3930 -.4170
90.000 -.3300
180.000 -.3990
270.000 -.4020

MACH (1) = .598 BETAT (2) = -6.090
X/LS .985 1.000
PHI .000 -.3820 -.4060
90.000 -.3330
180.000 -.4020
270.000 -.3980

MACH (1) = .596 BETAT (3) = -4.020
X/LS .985 1.000
PHI .000 -.3730 -.4060
90.000 -.3310
180.000 -.4000
270.000 -.4000

MACH (1) = .598 BETAT (4) = -2.000
X/LS .985 1.000
PHI .000 -.3460 -.3900
90.000 -.3120
180.000 -.3780
270.000 -.3860

MACH (1) = .598 BETAT (5) = .020
X/LS .985 1.000
PHI .000 -.3230 -.3710
90.000 -.2980
180.000 -.3690
270.000 -.3650

MACH (1) = .598 BETAT (6) = 2.060
X/LS .985 1.000
PHI .000 -.3330 -.3760
90.000 -.2790
180.000 -.3670
270.000 -.3640

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBNM03)

AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (7) = 4.100

X/LS	.985	1.000
PHI		
.000	-.3100	-.3540
90.000	-.2040	
180.000	-.3590	
270.000	-.3460	

MACH (2) = .598 BETAT (8) = 6.140

X/LS	.985	1.000
PHI		
.000	-.3050	-.3470
90.000	-.2560	
180.000	-.3510	
270.000	-.3410	

MACH (3) = .599 BETAT (9) = 8.180

X/LS	.985	1.000
PHI		
.000	-.3040	-.3430
90.000	-.2460	
180.000	-.3440	
270.000	-.3360	

MACH (4) = .591 BETAT (1) = -8.140

X/LS	.985	1.000
PHI		
.000	-.4190	-.4750
90.000	-.3810	
180.000	-.4380	
270.000	-.4320	

MACH (5) = .900 BETAT (2) = -6.100

X/LS	.985	1.000
PHI		
.000	-.4700	-.4300
90.000	-.3840	
180.000	-.4270	
270.000	-.4200	

MACH (6) = .900 BETAT (3) = -4.080

X/LS	.985	1.000
PHI		
.000	-.3770	-.4210
90.000	-.3710	
180.000	-.4250	
270.000	-.4090	

MACH (7) = .696 BETAT (4) = -2.020

X/LS	.985	1.000
PHI		
.000	-.3880	-.4060
90.000	-.3600	
180.000	-.4130	
270.000	-.3980	

(RSMX03)

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (2) = .899 BETAT (5) = 2.080 X/LS .985 1.000
PHI .000 -.3310 -.3700

90.000 -.3110
180.000 -.3700
270.000 -.3650

MACH (2) = .898 BETAT (6) = 4.140 X/LS .985 1.000
PHI .000 -.3250 -.3730

90.000 -.2930
180.000 -.3640
270.000 -.3630

MACH (2) = .901 BETAT (7) = 6.210 X/LS .985 1.000
PHI .000 -.3390 -.3710

90.000 -.3030
180.000 -.3630
270.000 -.3540

MACH (2) = .900 BETAT (8) = 8.270 X/LS .985 1.000
PHI .000 -.3270 -.3560

90.000 -.2600
180.000 -.3380
270.000 -.3350

MACH (3) = 1.101 BETAT (1) = -8.170 X/LS .985 1.000
PHI .000 -.5120 -.5240

90.000 -.4790
180.000 -.5110
270.000 -.5190

MACH (3) = 1.100 BETAT (2) = -6.120 X/LS .985 1.000
PHI .000 -.5010 -.5300

90.000 -.4730
180.000 -.5210
270.000 -.5210

MACH (3) = 1.102 BETAT (3) = -4.080 X/LS .985 1.000
PHI .000 -.4780 -.5160

90.000 -.4550
180.000 -.5050
270.000 -.5000

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE (RSMX03)

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (4) = -2.030 X/LS .985 1.000
 PHI .000 -.4670 -.5040
 90.000 -.4370
 180.000 -.4920
 270.000 -.4850

MACH (3) = 1.099 BETAT (5) = .020 X/LS .985 1.000
 PHI .000 -.4450 -.4760
 90.000 -.4290
 180.000 -.4750
 270.000 -.4630

MACH (3) = 1.101 BETAT (6) = 2.090 X/LS .995 1.000
 PHI .000 -.4330 -.4630
 90.000 -.4120
 180.000 -.4550
 270.000 -.4530

MACH (3) = 1.100 BETAT (7) = 4.160 X/LS .985 1.000
 PHI .000 -.4110 -.4310
 90.000 -.3890
 180.000 -.4340
 270.000 -.4240

MACH (3) = 1.103 BETAT (8) = 6.240 X/LS .985 1.000
 PHI .000 -.4070 -.4220
 90.000 -.3810
 180.000 -.4250
 270.000 -.4160

MACH (3) = 1.101 BETAT (9) = 7.800 X/LS .985 1.000
 PHI .000 -.4050 -.4230
 90.000 -.3780
 180.000 -.4150
 270.000 -.4210

MACH (4) = 1.248 BETAT (1) = -8.130 X/LS .985 1.000
 PHI .000 -.4460 -.4570
 90.000 -.4190
 180.000 -.4420
 270.000 -.4470

(RSMX03)

DATE 21 SEP 73

INSULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 SEM BOOSTER BASE

DEPENDENT VARIABLE CP

SECTION (1) SEM BOOSTER BASE

MACH (4) = 1.245 BETAT (2) = -5.080
X/LS .985 1.000
PHI .000 -.4310 -.4540
90.000 -.4140
180.000 -.4480
270.000 -.4690

MACH (4) = 1.245 BETAT (3) = -4.050
X/LS .985 1.000
PHI .000 -.4140 -.4480
90.000 -.4080
180.000 -.4410
270.000 -.4650

MACH (4) = 1.246 BETAT (4) = -2.020
X/LS .985 1.000
PHI .000 -.3970 -.4230
90.000 -.3860
180.000 -.4200
270.000 -.4130

MACH (4) = 1.247 BETAT (5) = 2.080
X/LS .985 1.000
PHI .000 -.3840 -.4060
90.000 -.3650
180.000 -.4020
270.000 -.4120

MACH (4) = 1.247 BETAT (6) = 4.140
X/LS .985 1.000
PHI .000 -.3830 -.3980
90.000 -.3610
180.000 -.3910
270.000 -.3930

MACH (4) = 1.248 BETAT (7) = 6.190
X/LS .985 1.000
PHI .000 -.3750 -.3840
90.000 -.3520
180.000 -.3800
270.000 -.3830

MACH (4) = 1.251 BETAT (8) = 8.250
X/LS .985 1.000
PHI .000 -.3470 -.3740
90.000 -.3450
180.000 -.3730
270.000 -.3670

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 C2A + S3 + T9 SRM BOOSTER BASE

REMARKS (18 JUL 73)

REFERENCE DATA

SRFP = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BRFP = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -6.0000 ORBINC = .500
 RUDDER = .0000 ELEVON = .000
 RUFLR = .0000

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE QP

MACH (1) = .598 BETAT (1) = -0.060 X/LS .985 1.000
 PHI
 .000 -3.790 -3.980
 90.000 -3.220
 180.000 -3.980
 270.000 -3.980

MACH (1) = .597 BETAT (2) = -6.040 X/LS .985 1.000
 PHI
 .000 -3.670 -3.950
 90.000 -3.270
 180.000 -3.980
 270.000 -3.980

MACH (1) = .599 BETAT (3) = -4.020 X/LS .985 1.000
 PHI
 .000 -3.510 -3.840
 90.000 -3.090
 180.000 -3.790
 270.000 -3.790

MACH (1) = .599 BETAT (4) = -2.000 X/LS .985 1.000
 PHI
 .000 -3.220 -3.630
 90.000 -3.130
 180.000 -3.680
 270.000 -3.500

MACH (1) = .600 BETAT (5) = .020 X/LS .985 1.000
 PHI
 .000 -3.120 -3.530
 90.000 -3.000
 180.000 -3.550
 270.000 -3.430

MACH (1) = .599 BETAT (6) = 2.060 X/LS .985 1.000
 PHI
 .000 -3.030 -3.370
 90.000 -2.650
 180.000 -3.440
 270.000 -3.390

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 OCA + S3 + T9 SRM BOOSTER BASE (RSMQ04)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (7) = 4.090

X/LS	.985	1.000
PHI	.000	-.3000
	90.000	-.2570
	180.000	-.3350
	270.000	-.3300

MACH (1) = .600 BETAT (8) = 6.120

X/LS	.985	1.000
PHI	.000	-.2950
	90.000	-.2680
	180.000	-.3380
	270.000	-.3350

MACH (1) = .601 BETAT (9) = 8.160

X/LS	.985	1.000
PHI	.000	-.2990
	90.000	-.2490
	180.000	-.3330
	270.000	-.3350

MACH (2) = .699 BETAT (1) = -8.160

X/LS	.985	1.000
PHI	.000	-.4140
	90.000	-.3860
	180.000	-.4430
	270.000	-.4310

MACH (2) = .697 BETAT (2) = -6.100

X/LS	.985	1.000
PHI	.000	-.4120
	90.000	-.3920
	180.000	-.4300
	270.000	-.4250

MACH (2) = .902 BETAT (3) = -4.070

X/LS	.985	1.000
PHI	.000	-.3690
	90.000	-.3690
	180.000	-.4040
	270.000	-.3990

MACH (2) = .900 BETAT (4) = -2.090

X/LS	.985	1.000
PHI	.000	-.3660
	90.000	-.3520
	180.000	-.3790
	270.000	-.3800

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-70) 1A9 OSA + S3 + T9 SRM BOOSTER BASE

(2390514)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE OF

MACH (2) = .902 BETAT (5) = 2.060

X/LS	.985	1.000
PHI		
.000	-.3100	-.3660
90.000	-.3060	
180.000	-.3530	
270.000	-.3560	

MACH (2) = .903 BETAT (6) = 4.140

X/LS	.985	1.000
PHI		
.000	-.3070	-.3480
90.000	-.2860	
180.000	-.3320	
270.000	-.3420	

MACH (2) = .900 BETAT (7) = 6.190

X/LS	.985	1.000
PHI		
.000	-.3120	-.3510
90.000	-.2790	
180.000	-.3470	
270.000	-.3460	

MACH (2) = .898 BETAT (8) = 8.240

X/LS	.985	1.000
PHI		
.000	-.3290	-.3480
90.000	-.2580	
180.000	-.3400	
270.000	-.3340	

MACH (3) = 1.100 BETAT (1) = -8.190

X/LS	.985	1.000
PHI		
.000	-.5150	-.5260
90.000	-.4790	
180.000	-.5060	
270.000	-.5100	

MACH (3) = 1.099 BETAT (2) = -6.120

X/LS	.985	1.000
PHI		
.000	-.5000	-.5200
90.000	-.4680	
180.000	-.5120	
270.000	-.5170	

MACH (3) = 1.101 BETAT (3) = -4.080

X/LS	.985	1.000
PHI		
.000	-.4850	-.5020
90.000	-.4530	
180.000	-.4950	
270.000	-.4990	

DATE 2: SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(REV064)

SECTION (1) SRM BOOSTER BASE
DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (4) = -2.030

X/LS	.985	1.000
PHI	.000	-.4880
90.000	-.4390	
180.000	-.4840	
270.000	-.4820	

MACH (3) = 1.099 BETAT (5) = 2.090

X/LS	.985	1.000
PHI	.000	-.4160
90.000	-.4070	
180.000	-.4390	
270.000	-.4380	

MACH (3) = 1.098 BETAT (6) = 4.150

X/LS	.985	1.000
PHI	.000	-.4030
90.000	-.3920	
180.000	-.4180	
270.000	-.4230	

MACH (3) = 1.100 BETAT (7) = 6.210

X/LS	.985	1.000
PHI	.000	-.3980
90.000	-.3870	
180.000	-.4170	
270.000	-.4140	

MACH (3) = 1.098 BETAT (8) = 8.280

X/LS	.985	1.000
PHI	.000	-.4170
90.000	-.3780	
180.000	-.4270	
270.000	-.4290	

MACH (4) = 1.248 BETAT (1) = -8.140

X/LS	.985	1.000
PHI	.000	-.4300
90.000	-.4010	
180.000	-.4250	
270.000	-.4320	

MACH (4) = 1.246 BETAT (2) = -6.100

X/LS	.985	1.000
PHI	.000	-.4190
90.000	-.3930	
180.000	-.4270	
270.000	-.4290	

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

(R8-9564)

ANES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (4) = 1.244 BETAT (3) = -4.060

X/LS	.985	1.000
PHI		
.000	-.4000	-.4310
90.000	-.3810	
180.000	-.4240	
270.000	-.4220	

MACH (4) = 1.247 BETAT (4) = -2.020

X/LS	.985	1.000
PHI		
.000	-.3890	-.4160
90.000	-.3680	
180.000	-.4150	
270.000	-.4060	

MACH (4) = 1.445 BETAT (5) = 2.070

X/LS	.985	1.000
PHI		
.000	-.3750	-.3930
90.000	-.3680	
180.000	-.3910	
270.000	-.3910	

MACH (4) = 1.240 BETAT (6) = 4.120

X/LS	.985	1.000
PHI		
.000	-.3760	-.3950
90.000	-.3620	
180.000	-.3850	
270.000	-.3870	

MACH (4) = 1.245 BETAT (7) = 6.170

X/LS	.985	1.000
PHI		
.000	-.3670	-.3720
90.000	-.3530	
180.000	-.3700	
270.000	-.3690	

MACH (4) = 1.245 BETAT (8) = 8.210

X/LS	.985	1.000
PHI		
.000	-.3500	-.3750
90.000	-.3520	
180.000	-.3750	
270.000	-.3700	

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

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AVES 11-707 IA9 Q2A + S3 + T9 SRM BOOSTER BASE

(RMMS) (18 JUL 73)

REFERENCE DATA

SREF = 2.421" 50.1" XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 OEBTNC = .500
 FUDTFR = .000 ELEVON = .000
 RUPTLR = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE QP

MACH (1) = .600 BETAT (1) = .020
 X/LS .985 1.000
 PHI
 .000 -.3040 -.3900
 90.000 -.2840
 180.000 -.3330
 270.000 -.3440

MACH (1) = .598 BETAT (2) = 4.080
 X/LS .985 1.000
 PHI
 .000 -.2860 -.3300
 90.000 -.2570
 180.000 -.3310
 270.000 -.3250

MACH (1) = .599 BETAT (3) = 6.120
 X/LS .985 1.000
 PHI
 .000 -.2740 -.3280
 90.000 -.2650
 180.000 -.3310
 270.000 -.3320

MACH (1) = .599 BETAT (4) = 8.150
 X/LS .985 1.000
 PHI
 .000 -.2910 -.3430
 90.000 -.2630
 180.000 -.3310
 270.000 -.3360

MACH (2) = .903 BETAT (1) = -0.170
 X/LS .985 1.000
 PHI
 .000 -.4070 -.4310
 90.000 -.3830
 180.000 -.4240
 270.000 -.4230

MACH (2) = .901 BETAT (2) = -6.110
 X/LS .985 1.000
 PHI
 .000 -.4010 -.4200
 90.000 -.3700
 180.000 -.4110
 270.000 -.4030

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVES 11-107 1A9 02A + S3 + T9 SRM BOOSTER BASE

(REMARKS)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (3) = -4.070

X/LS	.985	1.000
PHI		
.000	-.3680	-.3870
90.000	-.3550	
180.000	-.3890	
270.000	-.3840	

MACH (2) = .901 BETAT (4) = -2.030

X/LS	.985	1.000
PHI		
.000	-.3350	-.3710
90.000	-.3520	
180.000	-.3620	
270.000	-.3580	

MACH (2) = .903 BETAT (5) = 2.070

X/LS	.985	1.000
PHI		
.000	-.2870	-.3610
90.000	-.2990	
180.000	-.3310	
270.000	-.3280	

MACH (2) = .903 BETAT (6) = 4.120

X/LS	.985	1.000
PHI		
.000	-.2970	-.3390
90.000	-.2880	
180.000	-.3300	
270.000	-.3280	

MACH (2) = .904 BETAT (7) = 6.170

X/LS	.985	1.000
PHI		
.000	-.3000	-.3460
90.000	-.2810	
180.000	-.3330	
270.000	-.3330	

MACH (2) = .899 BETAT (8) = 8.230

X/LS	.985	1.000
PHI		
.000	-.3140	-.3530
90.000	-.2590	
180.000	-.3320	
270.000	-.3260	

MACH (3) = 1.100 BETAT (1) = -8.200

X/LS	.985	1.000
PHI		
.000	-.4930	-.5020
90.000	-.4610	
180.000	-.4990	
270.000	-.4930	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

REMARKS:

AVES 11-707 1A9 OCA + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CF

MACH (3) = 1.597 BETAT (2) = -6.130

X/LS	.985	1.070
PHI	.000	-.4800
	90.000	-.4650
	180.000	-.4940
	270.000	-.5120

MACH (3) = 1.101 BETAT (3) = -4.080

X/LS	.985	1.000
PHI	.000	-.4670
	90.000	-.4810
	180.000	-.4690
	270.000	-.4780
		-.4770

MACH (3) = 1.099 BETAT (4) = -2.090

X/LS	.985	1.000
PHI	.000	-.4500
	90.000	-.4630
	180.000	-.4370
	270.000	-.4570
		-.4590

MACH (3) = 1.101 BETAT (5) = 2.080

X/LS	.985	1.070
PHI	.000	-.4010
	90.000	-.4320
	180.000	-.4040
	270.000	-.4270
		-.4190

MACH (3) = 1.102 BETAT (6) = 4.140

X/LS	.985	1.000
PHI	.000	-.3900
	90.000	-.4020
	180.000	-.3790
	270.000	-.4010
		-.4000

MACH (3) = 1.100 BETAT (7) = 6.200

X/LS	.985	1.000
PHI	.000	-.3870
	90.000	-.4090
	180.000	-.3840
	270.000	-.4140
		-.4070

MACH (3) = 1.100 BETAT (8) = 8.270

X/LS	.985	1.000
PHI	.000	-.4190
	90.000	-.4420
	180.000	-.3810
	270.000	-.4370
		-.4440

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RBMK05)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (1) = -8.150

X/LS	.985	1.000
PHI		
.000	-.4270	-.4390
90.000	-.4060	
180.000	-.4240	
270.000	-.4310	

MACH (4) = 1.245 BETAT (2) = -6.110

X/LS	.985	1.000
PHI		
.000	-.4200	-.4360
90.000	-.3990	
180.000	-.4230	
270.000	-.4320	

MACH (4) = 1.245 BETAT (3) = -4.060

X/LS	.985	1.000
PHI		
.000	-.4140	-.4350
90.000	-.3870	
180.000	-.4220	
270.000	-.4240	

MACH (4) = 1.246 BETAT (4) = -2.020

X/LS	.985	1.000
PHI		
.000	-.3920	-.4120
90.000	-.3700	
180.000	-.4050	
270.000	-.4040	

MACH (4) = 1.243 BETAT (5) = 2.060

X/LS	.985	1.000
PHI		
.000	-.3620	-.3960
90.000	-.3630	
180.000	-.3890	
270.000	-.3790	

MACH (4) = 1.241 BETAT (6) = 4.120

X/LS	.985	1.000
PHI		
.000	-.3600	-.3710
90.000	-.3530	
180.000	-.3790	
270.000	-.3720	

MACH (4) = 1.244 BETAT (7) = 6.160

X/LS	.985	1.000
PHI		
.000	-.3490	-.3600
90.000	-.3490	
180.000	-.3610	
270.000	-.3580	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 OCA + S3 + T9 SRM BOOSTER BASE

(RBMX05)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (4) = 1.247	BETAT (8) = 8.210	X/LS	.985	1.000
		PHI		
		.000	-.3560	-.3770
		90.000	-.3520	
		180.000	-.3780	
		270.000	-.3760	

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

ANES 11-757 1A9 02A + S3 + T9 SRM BOOSTER BASE

REMARKS (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0370 SCALE

PARAMETRIC DATA

ALPHA = -2.000 ORBINC = .500
 RUDER = .000 ELEVON = .000
 RUFLR = .500

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -0.090
 X/LS .985 1.000
 PHI .000 -.3510 -.3760
 90.000 -.3150
 180.000 -.3760
 270.000 -.3720

MACH (1) = .599 BETAT (2) = -6.060
 X/LS .985 1.000
 PHI .000 -.3320 -.3760
 90.000 -.3050
 180.000 -.3630
 270.000 -.3660

MACH (1) = .599 BETAT (3) = -4.040
 X/LS .985 1.000
 PHI .000 -.3320 -.3760
 90.000 -.2970
 180.000 -.3590
 270.000 -.3520

MACH (1) = .600 BETAT (4) = -2.000
 X/LS .985 1.000
 PHI .000 -.3070 -.3610
 90.000 -.2920
 180.000 -.3420
 270.000 -.3370

MACH (1) = .600 BETAT (5) = .020
 X/LS .985 1.000
 PHI .000 -.2930 -.3410
 90.000 -.2780
 180.000 -.3280
 270.000 -.3370

MACH (1) = .601 BETAT (6) = 2.050
 X/LS .985 1.000
 PHI .000 -.2880 -.3400
 90.000 -.2610
 180.000 -.3320
 270.000 -.3280

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AVCS 11-707 1A9 ORA + S3 + T9 SRM BOOSTER BASE

(REMARKS)

SECTION (1) SRM BOOSTER BASE
DEPENDENT VARIABLE CP

MACH (1) = .601 BETAT (7) = 4.580

X/LS	.985	1.000
PHI		
.000	-.2830	-.3240
90.000	-.2620	
180.000	-.3140	
270.000	-.3250	

MACH (1) = .599 BETAT (8) = 6.110

X/LS	.985	1.000
PHI		
.000	-.2950	-.3430
90.000	-.2750	
180.000	-.3340	
270.000	-.3360	

MACH (1) = .600 BETAT (9) = 8.140

X/LS	.985	1.000
PHI		
.000	-.3210	-.3590
90.000	-.2670	
180.000	-.3480	
270.000	-.3490	

MACH (2) = .904 BETAT (1) = -8.180

X/LS	.985	1.000
PHI		
.000	-.3850	-.4090
90.000	-.3680	
180.000	-.4060	
270.000	-.4010	

MACH (2) = .901 BETAT (2) = -6.130

X/LS	.985	1.000
PHI		
.000	-.3760	-.4140
90.000	-.3620	
180.000	-.3940	
270.000	-.3950	

MACH (2) = .902 BETAT (3) = -4.070

X/LS	.985	1.000
PHI		
.000	-.3550	-.3940
90.000	-.3480	
180.000	-.3850	
270.000	-.3910	

MACH (2) = .901 BETAT (4) = -2.030

X/LS	.985	1.000
PHI		
.000	-.3440	-.3770
90.000	-.3440	
180.000	-.3550	
270.000	-.3600	

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

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AVES 11-707 IAS ORA + 53 + 19 SEM BOOSTER BASE

7304050

SECTION (1) SEM BOOSTER BASE

DI JECENT VARIABLE CP

MACH (2) = .923 BETAT (5) = 2.080

X/L5	.985	1.000
PHI		
.000	-.2985	-.3490
90.000	-.3010	
180.000	-.3310	
270.000	-.3265	

MACH (2) = .923 BETAT (6) = 4.130

X/L5	.985	1.000
PHI		
.000	-.2790	-.3230
90.000	-.2940	
180.000	-.3120	
270.000	-.3190	

MACH (2) = .927 BETAT (7) = 6.180

X/L5	.985	1.000
PHI		
.000	-.2920	-.3380
90.000	-.2540	
180.000	-.3350	
270.000	-.3360	

MACH (2) = .934 BETAT (8) = 8.230

X/L5	.985	1.000
PHI		
.000	-.2920	-.3610
90.000	-.2810	
180.000	-.3450	
270.000	-.3440	

MACH (3) = 1.099 BETAT (1) = -8.210

X/L5	.985	1.000
PHI		
.000	-.4760	-.4810
90.000	-.4420	
180.000	-.4710	
270.000	-.4770	

MACH (3) = 1.110 BETAT (2) = -6.140

X/L5	.985	1.000
PHI		
.000	-.4630	-.4810
90.000	-.4430	
180.000	-.4770	
270.000	-.4750	

MACH (3) = 1.106 BETAT (3) = -4.060

X/L5	.985	1.000
PHI		
.000	-.4570	-.4740
90.000	-.4390	
180.000	-.4650	
270.000	-.4700	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 3035

AVES 11-707 1A9 02A + S3 + T9 SEM BOOSTER BASE

(REV 06)

SECTION (1) SEM BOOSTER BASE

DEFECENT VARIABLE CP

MACH (3) = 1.099 BETAT (4) = -2.030

Y/LS	.985	1.000
PHI	.000	-4340
90.000	-4330	-4520
180.000	-4490	
270.000	-4450	

MACH (3) = 1.101 BETAT (5) = 2.080

Y/LS	.995	1.000
PHI	.000	-4080
90.000	-4000	-4180
180.000	-4280	
270.000	-4230	

MACH (3) = 1.100 BETAT (6) = 4.130

Y/LS	.985	1.000
PHI	.000	-3830
90.000	-3920	-4140
180.000	-4280	
270.000	-4150	

MACH (3) = 1.100 BETAT (7) = 6.190

Y/LS	.985	1.000
PHI	.000	-3530
90.000	-3910	-4240
180.000	-4250	
270.000	-4220	

MACH (3) = 1.102 BETAT (8) = 8.260

Y/LS	.985	1.000
PHI	.000	-4250
90.000	-3920	-4410
180.000	-4380	
270.000	-4420	

MACH (4) = 1.248 BETAT (1) = -8.150

Y/LS	.985	1.000
PHI	.000	-4200
90.000	-3970	-4300
180.000	-4220	
270.000	-4270	

MACH (4) = 1.248 BETAT (2) = -6.110

Y/LS	.985	1.000
PHI	.000	-4070
90.000	-3950	-4220
180.000	-4170	
270.000	-4210	

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA
ANES 11-707 IAS 02A + S3 + T9 SRW BOOSTER BASE

(REMARKS)

SECTION (1) SRW BOOSTER BASE		DEPENDENT VARIABLE CP	
MACH (4) = 1.248	BETAT (3) = -4.070	X/LS	.985 1.000
		PHI	
		.000	-.3990
		90.000	-.4170
		180.000	-.3840
		270.000	-.4130
			-.4120
MACH (4) = 1.246	BETAT (4) = -2.030	X/LS	.985 1.000
		PHI	
		.000	-.3780
		90.000	-.3930
		180.000	-.3720
		270.000	-.3970
			-.3880
MACH (4) = 1.248	BETAT (5) = 2.070	X/LS	.985 1.000
		PHI	
		.000	-.3690
		90.000	-.3870
		180.000	-.3530
		270.000	-.3820
			-.3820
MACH (4) = 1.247	BETAT (6) = 4.110	X/LS	.985 1.000
		PHI	
		.000	-.3570
		90.000	-.3780
		180.000	-.3580
		270.000	-.3750
			-.3740
MACH (4) = 1.248	BETAT (7) = 6.160	X/LS	.985 1.000
		PHI	
		.000	-.3530
		90.000	-.3750
		180.000	-.3510
		270.000	-.3720
			-.3690
MACH (4) = 1.248	BETAT (8) = 8.200	X/LS	.985 1.000
		PHI	
		.000	-.3570
		90.000	-.3770
		180.000	-.3440
		270.000	-.3770
			-.3770

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

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AVES 11-707 IAG Q2A + S3 + T9 SRM BOOSTER BASE

(REMARK) (18 JUL 75)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 BREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
 RUDDER = .000 ELEVON = .500
 RUDDLR = .000

DEPENDENT VARIABLE CP

SECTION (1) SRM BOOSTER BASE

MACH (1) = .597 BETAT (1) = -8.100 X/LS .985 1.000
 PHI .000
 .000 -3.470 -3.560
 90.000 -3.060
 180.000 -3.690
 270.000 -3.670

MACH (1) = .596 BETAT (2) = -6.060 X/LS .985 1.000
 PHI .000
 .000 -3.300 -3.610
 90.000 -3.070
 180.000 -3.650
 270.000 -3.630

MACH (1) = .598 BETAT (3) = -4.050 X/LS .985 1.000
 PHI .000
 .000 -3.380 -3.640
 90.000 3.000
 180.000 -3.590
 270.000 -3.590

MACH (1) = .595 BETAT (4) = -2.020 X/LS .985 1.000
 PHI .000
 .000 -3.240 -3.570
 90.000 -2.860
 180.000 -3.560
 270.000 -3.490

MACH (1) = .597 BETAT (5) = .020 X/LS .985 1.000
 PHI .000
 .000 -2.990 -3.470
 90.000 -2.830
 180.000 -3.380
 270.000 -3.380

MACH (1) = .597 BETAT (6) = 2.050 X/LS .985 1.000
 PHI .000
 .000 -3.090 -3.380
 90.000 -2.750
 180.000 -3.350
 270.000 -3.310

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-7517 1A9 02A + S3 + T9 SPM BOOSTER BASE

(REMOVED)

SECTION (1) SPM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (7) = 4.080
X/LS .985 1.000
PHI .000 -.3720 -.3250
90.000 -.2680
180.000 -.3300
270.000 -.3250

MACH (1) = .597 BETAT (8) = 6.110
X/LS .985 1.000
PHI .000 -.3720 -.3360
90.000 -.2750
180.000 -.3410
270.000 -.3430

MACH (1) = .597 BETAT (9) = 8.140
X/LS .985 1.000
PHI .000 -.3130 -.3700
90.000 -.2820
180.000 -.3550
270.000 -.3620

MACH (2) = .900 BETAT (1) = -8.180
X/LS .985 1.000
PHI .000 -.3870 -.4110
90.000 -.3580
180.000 -.4140
270.000 -.3870

MACH (2) = .899 BETAT (2) = -6.140
X/LS .985 1.000
PHI .000 -.3150 -.3810
90.000 -.3530
180.000 -.3960
270.000 -.3740

MACH (2) = .899 BETAT (3) = -4.080
X/LS .985 1.000
PHI .000 -.3530 -.3800
90.000 -.3500
180.000 -.3630
270.000 -.3450

MACH (2) = .901 BETAT (4) = -2.030
X/LS .985 1.000
PHI .000 -.3310 -.3620
90.000 -.3320
180.000 -.3650
270.000 -.3500

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RBN007)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (5) = .020

X/LS	.985	1.000
PHI		
	.000	-.3230
	90.000	-.3200
	180.000	-.3440
	270.000	-.3380

MACH (2) = .901 BETAT (6) = 2.070

X/LS	.985	1.000
PHI		
	.000	-.3100
	90.000	-.3070
	180.000	-.3510
	270.000	-.3480

MACH (2) = .906 BETAT (7) = 4.120

X/LS	.985	1.000
PHI		
	.000	-.2890
	90.000	-.2960
	180.000	-.3220
	270.000	-.3300

MACH (2) = .901 BETAT (8) = 6.180

X/LS	.985	1.000
PHI		
	.000	-.3160
	90.000	-.3070
	180.000	-.3550
	270.000	-.3490

MACH (2) = .901 BETAT (9) = 8.220

X/LS	.985	1.000
PHI		
	.000	-.3400
	90.000	-.3030
	180.000	-.3630
	270.000	-.3620

MACH (3) = 1.100 BETAT (1) = -8.210

X/LS	.935	1.000
PHI		
	.000	-.4700
	90.000	-.4410
	180.000	-.4740
	270.000	-.4760

MACH (3) = 1.199 BETAT (2) = -6.140

X/LS	.985	1.000
PHI		
	.000	-.4590
	90.000	-.4340
	180.000	-.4750
	270.000	-.4690

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 SEM BOOSTER BASE

(R30657)

SECTION (1) SEM BOOSTER BASE

DEPENDENT VARIABLE CF

MACH (3) = 1.099 BETAT (3) = -4.080

X/LS	.985	1.000
PHI	.000	-.4500
	90.000	-.4420
	180.000	-.4640
	270.000	-.4590

MACH (3) = 1.101 BETAT (4) = -2.000

X/LS	.985	1.000
PHI	.000	-.4330
	90.000	-.4360
	180.000	-.4300
	270.000	-.4430

MACH (3) = 1.099 BETAT (5) = 2.070

X/LS	.985	1.000
PHI	.000	-.4080
	90.000	-.4230
	180.000	-.4040
	270.000	-.4280

MACH (3) = 1.100 BETAT (6) = 4.140

X/LS	.985	1.000
PHI	.000	-.4040
	90.000	-.4320
	180.000	-.4020
	270.000	-.4240

MACH (3) = 1.101 BETAT (7) = 6.200

X/LS	.985	1.000
PHI	.000	-.4090
	90.000	-.4330
	180.000	-.3980
	270.000	-.4360

MACH (3) = 1.101 BETAT (8) = 8.250

X/LS	.985	1.000
PHI	.000	-.4370
	90.000	-.4370
	180.000	-.3940
	270.000	-.4420

MACH (4) = 1.249 BETAT (1) = -8.160

X/LS	.995	1.000
PHI	.000	-.6150
	90.000	-.4290
	180.000	-.3920
	270.000	-.4270

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVCS 11-707 1A9 02A + S3 + T9 SEM BOOSTER BASE

(RBNM07)

SECTION (1) SEM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (2) = -6.110

X/LS	.985	1.000
PHI	.000	
	-.4050	-.4210
90.000	-.3930	
180.000	-.4170	
270.000	-.4170	

MACH (4) = 1.248 BETAT (3) = -4.060

X/LS	.985	1.000
PHI	.000	
	-.3960	-.4140
90.000	-.3780	
180.000	-.4100	
270.000	-.4090	

MACH (4) = 1.247 BETAT (4) = -2.030

X/LS	.985	1.000
PHI	.000	
	-.3740	-.3900
90.000	-.3670	
180.000	-.3870	
270.000	-.3860	

MACH (4) = 1.247 BETAT (5) = 2.560

X/LS	.985	1.000
PHI	.000	
	-.3620	-.3740
90.000	-.3540	
180.000	-.3750	
270.000	-.3710	

MACH (4) = 1.245 BETAT (6) = 4.100

X/LS	.985	1.000
PHI	.000	
	-.3590	-.3680
90.000	-.3650	
180.000	-.3780	
270.000	-.3750	

MACH (4) = 1.246 BETAT (7) = 6.190

X/LS	.985	1.000
PHI	.000	
	-.3660	-.3750
90.000	-.3510	
180.000	-.3830	
270.000	-.3840	

MACH (4) = 1.247 BETAT (8) = 8.190

X/LS	.985	1.000
PHI	.000	
	-.3700	-.3990
90.000	-.3470	
180.000	-.3920	
270.000	-.3870	

AMES 11-707 1A9 02A + S3 + T9 SRW BOOSTER BASE

(REMOVED)

SECTION (1) SRW BOOSTER BASE DEPENDENT VARIABLE CP

MACH (5) = 1.395 BETAT (1) = -6.160

X/LS	.985	1.000
PHI	.000	-.3970
90.000	-.3850	
180.000	-.3850	
270.000	-.3970	

MACH (5) = 1.395 BETAT (2) = -6.157

X/LS	.985	1.000
PHI	.000	-.3930
90.000	-.3820	
180.000	-.3840	
270.000	-.3930	

MACH (5) = 1.397 BETAT (3) = -4.080

X/LS	.985	1.000
PHI	.000	-.3930
90.000	-.3720	
180.000	-.3880	
270.000	-.3880	

MACH (5) = 1.396 BETAT (4) = .020

X/LS	.985	1.000
PHI	.000	-.3680
90.000	-.3550	
180.000	-.3780	
270.000	-.3760	

MACH (5) = 1.394 BETAT (5) = 4.110

X/LS	.985	1.000
PHI	.000	-.3460
90.000	-.3450	
180.000	-.3540	
270.000	-.3480	

MACH (5) = 1.392 BETAT (6) = 6.210

X/LS	.985	1.000
PHI	.000	-.3440
90.000	-.3250	
180.000	-.3580	
270.000	-.3580	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 SRW BOOSTER BASE

(REMOVED) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XPRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0000 SCALE

ALPHAT = 2.000 GEOMC = .000
RUDER = .000 ELEVON = .000
RUFLR = .000

PARAMETRIC DATA

SECTION (1) SRW BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -6.080

X/LS	.985	1.000
PHI	.000	-.3570
90.000	-.3020	
180.000	-.3690	
270.000	-.3700	

MACH (1) = .598 BETAT (2) = -6.060

X/LS	.985	1.000
PHI	.000	-.3240
90.000	-.2840	
180.000	-.3590	
270.000	-.3560	

MACH (1) = .597 BETAT (3) = -4.040

X/LS	.985	1.000
PHI	.000	-.3320
90.000	-.2940	
180.000	-.3600	
270.000	-.3610	

MACH (1) = .597 BETAT (4) = -2.010

X/LS	.985	1.000
PHI	.000	-.3160
90.000	-.2710	
180.000	-.3480	
270.000	-.3380	

MACH (1) = .598 BETAT (5) = .020

X/LS	.985	1.000
PHI	.000	-.3030
90.000	-.2730	
180.000	-.3510	
270.000	-.3410	

MACH (1) = .599 BETAT (6) = 2.000

X/LS	.985	1.000
PHI	.000	-.2960
90.000	-.2570	
180.000	-.3320	
270.000	-.3360	

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TABULATED PRESSURE DATA - 1A9A

(RBMK08)

ANES 11-707 1A3 06A + S3 + T9 SRM BOOSTER BASE

SECTION: (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (7) = 4.080
 X/LS .985 1.000
 PHI .000 -.3100 -.3370
 90.000 -.2710
 180.000 -.3390
 270.000 -.3480

MACH (1) = .598 BETAT (8) = 6.110
 X/LS .985 1.000
 PHI .000 -.2980 -.3420
 90.000 -.2770
 180.000 -.3400
 270.000 -.3280

MACH (1) = .599 BETAT (9) = 8.140
 X/LS .985 1.000
 PHI .000 -.3000 -.3570
 90.000 -.2740
 180.000 -.3430
 270.000 -.3460

MACH (2) = .902 BETAT (1) = -8.180
 X/LS .985 1.000
 PHI .000 -.3740 -.3870
 90.000 -.3550
 180.000 -.3880
 270.000 -.3880

MACH (2) = .901 BETAT (2) = -6.130
 X/LS .985 1.000
 PHI .000 -.3500 -.3780
 90.000 -.3280
 180.000 -.3680
 270.000 -.3740

MACH (2) = .899 BETAT (3) = -4.080
 X/LS .985 1.000
 PHI .000 -.3380 -.3840
 90.000 -.3330
 180.000 -.3690
 270.000 -.3700

MACH (2) = .900 BETAT (4) = -2.030
 X/LS .985 1.000
 PHI .000 -.3260 -.3790
 90.000 -.3210
 180.000 -.3550
 270.000 -.3610

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE
DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (5) = 2.070 X/LS .985 1.000
PHI .000 -.3190 -.3750
90.000 -.3090
180.000 -.3530
270.000 -.3430

MACH (2) = .903 BETAT (6) = 4.120 X/LS .985 1.000
PHI .000 -.3120 -.3700
90.000 -.3170
180.000 -.3560
270.000 -.3570

MACH (2) = .904 BETAT (7) = 6.180 X/LS .985 1.000
PHI .000 -.3320 -.3830
90.000 -.3010
180.000 -.3610
270.000 -.3590

MACH (2) = .901 BETAT (8) = 8.230 X/LS .985 1.000
PHI .000 -.3660 -.3990
90.000 -.3170
180.000 -.3960
270.000 -.3860

MACH (3) = 1.099 BETAT (1) = -8.200 X/LS .985 1.000
PHI .000 -.4670 -.4770
90.000 -.4390
180.000 -.4690
270.000 -.4740

MACH (3) = 1.100 BETAT (2) = -6.180 X/LS .985 1.000
PHI .000 -.4560 -.4700
90.000 -.4340
180.000 -.4670
270.000 -.4640

MACH (3) = 1.100 BETAT (3) = -4.090 X/LS .985 1.000
PHI .000 -.4410 -.4530
90.000 -.4270
180.000 -.4550
270.000 -.4500

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(REMARKS)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (4) = -2.030

X/LS	.985	1.000
PHI		
.000	-.4250	-.4390
90.000	-.4210	
180.000	-.4400	
270.000	-.4360	

MACH (3) = 1.100 BETAT (5) = 2.060

X/LS	.985	1.000
PHI		
.000	-.4190	-.4420
90.000	-.4180	
180.000	-.4470	
270.000	-.4370	

MACH (3) = 1.097 BETAT (6) = 4.130

X/LS	.985	1.000
PHI		
.000	-.4320	-.4540
90.000	-.4160	
180.000	-.4570	
270.000	-.4560	

MACH (3) = 1.100 BETAT (7) = 6.180

X/LS	.985	1.000
PHI		
.000	-.4250	-.4530
90.000	-.4070	
180.000	-.4460	
270.000	-.4470	

MACH (3) = 1.101 BETAT (8) = 8.250

X/LS	.985	1.000
PHI		
.000	-.4360	-.4690
90.000	-.4110	
180.000	-.4650	
270.000	-.4620	

MACH (4) = 1.246 BETAT (1) = -8.160

X/LS	.985	1.000
PHI		
.000	-.4150	-.4250
90.000	-.3920	
180.000	-.4230	
270.000	-.4220	

MACH (4) = 1.250 BETAT (2) = -6.110

X/LS	.985	1.000
PHI		
.000	-.4070	-.4200
90.000	-.3810	
180.000	-.4130	
270.000	-.4140	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-757 1A9 02A + S3 + 79 SEM BOOSTER BASE

(REVISED)

SECTION (1) SEM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (4) = 1.243 BETAT (3) = -4.575

Y/L	995	1.000
0.000	-0.3960	-0.4030
90.000	-0.3720	
180.000	-0.4010	
270.000	-0.3970	

MACH (4) = 1.248 BETAT (4) = -2.030

Y/L	995	1.000
0.000	-0.3710	-0.3960
90.000	-0.3620	
180.000	-0.3830	
270.000	-0.3800	

MACH (4) = 1.245 BETAT (5) = 2.050

Y/L	995	1.000
0.000	-0.3750	-0.3850
90.000	-0.3820	
180.000	-0.3870	
270.000	-0.3840	

MACH (4) = 1.246 BETAT (6) = 4.110

Y/L	995	1.000
0.000	-0.3820	-0.3910
90.000	-0.3710	
180.000	-0.3940	
270.000	-0.3960	

MACH (4) = 1.247 BETAT (7) = 6.150

Y/L	995	1.000
0.000	-0.3680	-0.3890
90.000	-0.3800	
180.000	-0.3980	
270.000	-0.3940	

MACH (4) = 1.245 BETAT (8) = 8.200

Y/L	995	1.000
0.000	-0.3630	-0.3960
90.000	-0.3550	
180.000	-0.3560	
270.000	-0.3530	

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS) (18 JUL 73)

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

REFERENCE DATA

SREF = 2.4215 SQ.FT. XMRP = 28.5955 INCHES
 LREF = 39.8495 INCHES YMRP = .0000 INCHES
 BREF = 39.8495 INCHES ZMRP = .0000 INCHES
 SCALE = .0333 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 OEBINC = .500
 RUDDER = .000 ELEVON = .000
 RUDDLR = .000

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (1) = -0.090
 X/LS .985 1.000
 PHI
 .000 -.3340 -.3990
 90.000 -.2890
 180.000 -.3690
 270.000 -.3620

MACH (1) = .597 BETAT (2) = -0.060
 X/LS .985 1.000
 PHI
 .000 -.3210 -.3690
 90.000 -.2990
 180.000 -.3630
 270.000 -.3510

MACH (1) = .596 BETAT (3) = -4.030
 X/LS .985 1.000
 PHI
 .000 -.3360 -.3640
 90.000 -.2960
 180.000 -.3580
 270.000 -.3670

MACH (1) = .598 BETAT (4) = -2.010
 X/LS .985 1.000
 PHI
 .000 -.3390 -.3560
 90.000 -.2810
 180.000 -.3980
 270.000 -.3460

MACH (1) = .596 BETAT (5) = .020
 X/LS .985 1.000
 PHI
 .000 -.3170 -.3640
 90.000 -.2830
 180.000 -.3570
 270.000 -.3440

MACH (1) = .598 BETAT (6) = 2.090
 X/LS .985 1.000
 PHI
 .000 -.3100 -.3600
 90.000 -.2750
 180.000 -.3520
 270.000 -.3530

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (7) = 4.080
 X/LS .985 1.000
 PHI
 .000 -.3180 -.3590
 90.000 -.2770
 180.000 -.3630
 270.000 -.3490

MACH (1) = .597 BETAT (8) = 6.120
 X/LS .985 1.000
 PHI
 .000 -.3220 -.3620
 90.000 -.2820
 180.000 -.3630
 270.000 -.3450

MACH (1) = .599 BETAT (9) = 8.150
 X/LS .995 1.000
 PHI
 .000 -.3240 -.3620
 90.000 -.2710
 180.000 -.3590
 270.000 -.3490

MACH (2) = .699 BETAT (1) = -8.170
 X/LS .995 1.000
 PHI
 .000 -.3720 -.4030
 90.000 -.3580
 180.000 -.3950
 270.000 -.4000

MACH (2) = .907 BETAT (2) = -6.120
 X/LS .985 1.000
 PHI
 .000 -.3510 -.3920
 90.000 -.3380
 180.000 -.3850
 270.000 -.3760

MACH (2) = .901 BETAT (3) = -4.080
 X/LS .985 1.000
 PHI
 .000 -.3420 -.3700
 90.000 -.3240
 180.000 -.3650
 270.000 -.3550

MACH (2) = .699 BETAT (4) = -2.030
 X/LS .985 1.000
 PHI
 .000 -.3450 -.3890
 90.000 -.3330
 180.000 -.3850
 270.000 -.3650

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RSNYS)

AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

DEPENDENT VARIABLE CP

SECTION (1) SRM BOOSTER BASE

MACH (2) = .953 BETAT (5) = 2.070

X/LS	.985	1.000
PHI	.000	
	-.3240	-.3880
90.000	-.3590	
180.000	-.3670	
270.000	-.3610	

MACH (2) = .951 BETAT (6) = 4.130

X/LS	.985	1.000
PHI	.000	
	-.3190	-.3770
90.000	-.3290	
180.000	-.3650	
270.000	-.3570	

MACH (2) = .950 BETAT (7) = 6.180

X/LS	.985	1.000
PHI	.000	
	-.3780	-.4200
90.000	-.3340	
180.000	-.3980	
270.000	-.4050	

MACH (2) = .950 BETAT (8) = 8.240

X/LS	.985	1.000
PHI	.000	
	-.3720	-.4170
90.000	-.3100	
180.000	-.3980	
270.000	-.3890	

MACH (3) = 1.103 BETAT (1) = -8.190

X/LS	.985	1.000
PHI	.000	
	-.4590	-.4650
90.000	-.4270	
180.000	-.4590	
270.000	-.4640	

MACH (3) = 1.100 BETAT (2) = -6.140

X/LS	.985	1.000
PHI	.000	
	-.4490	-.4670
90.000	-.4240	
180.000	-.4640	
270.000	-.4660	

MACH (3) = 1.103 BETAT (3) = -4.060

X/LS	.985	1.000
PHI	.000	
	-.4320	-.4540
90.000	-.4260	
180.000	-.4510	
270.000	-.4480	

DATE 21 SEP 79 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (4) = -2.030
X/LS .985 1.000
PHI .000
90.000 -.4130 -.4420
180.000 -.4250
270.000 -.4430
270.000 -.4380

MACH (3) = 1.103 BETAT (5) = 2.080
X/LS .985 1.000
PHI .000
90.000 -.4520 -.4750
180.000 -.4520
270.000 -.4790
270.000 -.4720

MACH (3) = 1.103 BETAT (6) = 4.140
X/LS .985 1.000
PHI .000
90.000 -.4330 -.4680
180.000 -.4330
270.000 -.4720
270.000 -.4610

MACH (3) = 1.104 BETAT (7) = 6.210
X/LS .985 1.000
PHI .000
90.000 -.4190 -.4580
180.000 -.4190
270.000 -.4570
270.000 -.4520

MACH (3) = 1.104 BETAT (8) = 8.260
X/LS .985 1.000
PHI .000
90.000 -.4470 -.4780
180.000 -.4270
270.000 -.4750
270.000 -.4740

MACH (4) = 1.246 BETAT (1) = -6.150
X/LS .985 1.000
PHI .000
90.000 -.4120 -.4200
180.000 -.3860
270.000 -.4090
270.000 -.4150

MACH (4) = 1.246 BETAT (2) = -6.110
X/LS .985 1.000
PHI .000
90.000 -.4020 -.4110
180.000 -.3830
270.000 -.4150
270.000 -.4130

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMCS 11-707 1A9 024 + S3 + T9 SRM BOOSTER BASE

(REMARKS)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (3) = -4.060

X/LS	.985	1.000
PHI		
.000	-.3910	-.4030
90.000	-.3790	
180.000	-.4070	
270.000	-.4020	

MACH (4) = 1.248 BETAT (4) = -2.020

X/LS	.985	1.000
PHI		
.000	-.3650	-.3810
90.000	-.3660	
180.000	-.3830	
270.000	-.3810	

MACH (4) = 1.249 BETAT (5) = 2.070

X/LS	.985	1.000
PHI		
.000	-.3020	-.4010
90.000	-.3890	
180.000	-.4230	
270.000	-.4120	

MACH (4) = 1.249 BETAT (6) = 4.110

X/LS	.985	1.000
PHI		
.000	-.3890	-.4020
90.000	-.3720	
180.000	-.4180	
270.000	-.4030	

MACH (4) = 1.249 BETAT (7) = 6.170

X/LS	.985	1.000
PHI		
.000	-.3730	-.4110
90.000	-.3730	
180.000	-.3070	
270.000	-.3980	

MACH (4) = 1.248 BETAT (8) = 8.210

X/LS	.985	1.000
PHI		
.000	-.3790	-.4140
90.000	-.3750	
180.000	-.4110	
270.000	-.4050	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(REVISED) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. YMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 6.0000 ORBINC = .500
 RUDDER = .000 ELEVON = .000
 RUOFLR = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE Cp

MACH (1) = .597	BETAT (1) = -8.070	X/LS	PHI	X/LS	PHI	
MACH (1) = .598	BETAT (2) = -6.090	.000	.985	1.000	.000	
		90.000	-.3360	-.3650	90.000	-.2850
		180.000	-.3600	-.3600	180.000	-.3600
		270.000	-.3620	-.3620	270.000	-.3620
MACH (1) = .597	BETAT (3) = -4.090	.000	.985	1.000	.000	
		90.000	-.3390	-.3670	90.000	-.2840
		180.000	-.3640	-.3640	180.000	-.3640
		270.000	-.3640	-.3640	270.000	-.3640
MACH (1) = .597	BETAT (4) = -2.000	.000	.985	1.000	.000	
		90.000	-.3260	-.3700	90.000	-.2790
		180.000	-.3610	-.3610	180.000	-.3610
		270.000	-.3500	-.3500	270.000	-.3500
MACH (1) = .598	BETAT (5) = .020	.000	.985	1.000	.000	
		90.000	-.3470	-.3660	90.000	-.2790
		180.000	-.3580	-.3580	180.000	-.3580
		270.000	-.3520	-.3520	270.000	-.3520
MACH (1) = .598	BETAT (6) = 2.060	.000	.985	1.000	.000	
		90.000	-.3360	-.3700	90.000	-.2860
		180.000	-.3600	-.3600	180.000	-.3600
		270.000	-.3560	-.3560	270.000	-.3560

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

ANES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(REMARKS)

SECTION (1) SRM BOOSTER BASE		DEPENDENT VARIABLE CP	
MACH (1) =	.597 BETAT (7) = 4.090	X/LS	.985 1.000
		PHI	
		.000	-.3210
		90.000	-.2920
		180.000	-.3680
		270.000	-.3690
MACH (1) =	.598 BETAT (8) = 6.130	X/LS	.985 1.000
		PHI	
		.000	-.3350
		90.000	-.2820
		180.000	-.3740
		270.000	-.3720
MACH (1) =	.596 BETAT (9) = 8.170	X/LS	.985 1.000
		PHI	
		.000	-.3330
		90.000	-.2850
		180.000	-.3770
		270.000	-.3740
MACH (2) =	.591 BETAT (1) = -0.160	X/LS	.985 1.000
		PHI	
		.000	-.3750
		90.000	-.3410
		180.000	-.3930
		270.000	-.3890
MACH (2) =	.590 BETAT (2) = -6.110	X/LS	.985 1.000
		PHI	
		.000	-.3640
		90.000	-.3350
		180.000	-.3890
		270.000	-.3880
MACH (2) =	.593 BETAT (3) = -4.070	X/LS	.985 1.000
		PHI	
		.000	-.3470
		90.000	-.3370
		180.000	-.3920
		270.000	-.3840
MACH (2) =	.592 BETAT (4) = -2.030	X/LS	.985 1.000
		PHI	
		.000	-.3450
		90.000	-.3320
		180.000	-.3930
		270.000	-.3770

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

REMARKS

AVCS 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (2) = .972 BETAT (5) = 2.380 X/L .985 1.000
PHI .000 -.3400 -.3930
90.000 -.3230
180.000 -.3810
270.000 -.3810

MACH (2) = .971 BETAT (6) = 4.130 X/L .985 1.000
PHI .000 -.3580 -.4020
90.000 -.3280
180.000 -.3550
270.000 -.3550

MACH (2) = .971 BETAT (7) = 6.200 X/L .985 1.000
PHI .000 -.3610 -.4050
90.000 -.3170
180.000 -.3940
270.000 -.3550

MACH (2) = .970 BETAT (8) = 8.260 X/L .985 1.000
PHI .000 -.3920 -.4360
90.000 -.3340
180.000 -.4160
270.000 -.4500

MACH (3) = 1.153 BETAT (1) = -8.180 X/L .985 1.000
PHI .000 -.4550 -.4670
90.000 -.4220
180.000 -.4530
270.000 -.4640

MACH (3) = 1.153 BETAT (2) = -6.130 X/L .985 1.000
PHI .000 -.4530 -.4650
90.000 -.4320
180.000 -.4650
270.000 -.4620

MACH (3) = 1.152 BETAT (3) = -4.090 X/L .985 1.000
PHI .000 -.4310 -.4560
90.000 -.4260
180.000 -.4550
270.000 -.4540

DATE 24 SEP 79

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

FEB 1970

SECTION (1) SRM BOOSTER BASE		DEPENDENT VARIABLE OF	
MACH (3) = 1.102	BETAT (4) = -2.020	X/LS	.985 1.000
		PHI	
		.000	-.4280 -1.4540
		90.000	-.4330
		180.000	-.4450
		270.000	-.4480
MACH (3) = 1.102	BETAT (5) = 2.060	X/LS	.985 1.000
		PHI	
		.000	-.4550 -1.4790
		90.000	-.4500
		180.000	-.4830
		270.000	-.4750
MACH (3) = 1.102	BETAT (6) = 4.140	X/LS	.985 1.000
		PHI	
		.000	-.4560 -1.4510
		90.000	-.4530
		180.000	-.4830
		270.000	-.4860
MACH (3) = 1.100	BETAT (7) = 6.210	X/LS	.985 1.000
		PHI	
		.000	-.4570 -1.4860
		90.000	-.4650
		180.000	-.4830
		270.000	-.4830
MACH (3) = 1.106	BETAT (8) = 8.280	X/LS	.985 1.000
		PHI	
		.000	-.4570 -1.5010
		90.000	-.4490
		180.000	-.4920
		270.000	-.4890
MACH (4) = 1.246	BETAT (1) = -8.140	X/LS	.985 1.000
		PHI	
		.000	-.4170 -1.4230
		90.000	-.3990
		180.000	-.4120
		270.000	-.4270
MACH (4) = 1.248	BETAT (2) = -6.580	X/LS	.985 1.000
		PHI	
		.000	-.4010 -1.4140
		90.000	-.3980
		180.000	-.4140
		270.000	-.4150

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 SRV BOOSTER BASE

(3000)

SECTION (1) SRV BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (4) = 1.250 BETAT (3) = -4.050

X/LS	.985	1.000
PHI		
.000	-.3980	-.4080
90.000	-.3980	
180.000	-.4080	
270.000	-.4080	

MACH (4) = 1.249 BETAT (4) = -2.020

X/LS	.985	1.000
PHI		
.000	-.3650	-.3850
90.000	-.3720	
180.000	-.3850	
270.000	-.3850	

MACH (4) = 1.245 BETAT (5) = 2.070

X/LS	.985	1.000
PHI		
.000	-.4010	-.4180
90.000	-.3960	
180.000	-.4160	
270.000	-.4270	

MACH (4) = 1.247 BETAT (6) = 4.120

X/LS	.985	1.000
PHI		
.000	-.3960	-.4090
90.000	-.3840	
180.000	-.4140	
270.000	-.4110	

MACH (4) = 1.246 BETAT (7) = 6.160

X/LS	.985	1.000
PHI		
.000	-.3840	-.4180
90.000	-.3920	
180.000	-.4120	
270.000	-.4120	

MACH (4) = 1.247 BETAT (8) = 8.220

X/LS	.985	1.000
PHI		
.000	-.3980	-.4330
90.000	-.3980	
180.000	-.4290	
270.000	-.4300	

AMES 11-707 1A9 CEA + S3 + T9 SRM BOOSTER BASE

(RBMX11) (18 JUL 73)

REFERENCE DATA

SRFP = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 8.0000 ORBINC = .500
 RUCCER = .0000 ELEVON = .000
 RUDEFLR = .000

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = .599	BETAT (1) = -8.000	X/LS	.985	1.000
		PHI		
		.000	-.3460	-.3650
		90.000	-.2820	
		180.000	-.3580	
		270.000	-.3480	
		X/LS	.985	1.000
		PHI		
		.000	-.3330	-.3660
		90.000	-.2820	
		180.000	-.3620	
		270.000	-.3580	
		X/LS	.985	1.000
		PHI		
		.000	-.3360	-.3670
		90.000	-.2770	
		180.000	-.3520	
		270.000	-.3600	
		X/LS	.985	1.000
		PHI		
		.000	-.3490	-.3740
		90.000	-.2770	
		180.000	-.3600	
		270.000	-.3480	
		X/LS	.985	1.000
		PHI		
		.000	-.3270	-.3620
		90.000	-.2800	
		180.000	-.3620	
		270.000	-.3510	
		X/LS	.985	1.000
		PHI		
		.000	-.3320	-.3650
		90.000	-.3000	
		180.000	-.3780	
		270.000	-.3690	

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TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 OCA + S3 + T9 SRM BOOSTER BASE

(RBNX11)

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (7) = 3.080

X/LS	.985	1.000
PHI		
.000	-.3330	-.3820
90.000	-.2950	
180.000	-.3820	
270.000	-.3820	

MACH (1) = .600 BETAT (8) = 4.100

X/LS	.985	1.000
PHI		
.000	-.3400	-.3840
90.000	-.2800	
180.000	-.3730	
270.000	-.3780	

MACH (1) = .601 BETAT (9) = 6.150

X/LS	.985	1.000
PHI		
.000	-.3330	-.3760
90.000	-.2780	
180.000	-.3660	
270.000	-.3720	

MACH (1) = .600 BETAT (10) = 8.190

X/LS	.985	1.000
PHI		
.000	-.3280	-.3840
90.000	-.2970	
180.000	-.3830	
270.000	-.3840	

MACH (2) = .900 BETAT (1) = -8.140

X/LS	.985	1.000
PHI		
.000	-.3690	-.3890
90.000	-.3580	
180.000	-.3880	
270.000	-.3780	

MACH (2) = .903 BETAT (2) = -6.090

X/LS	.985	1.000
PHI		
.000	-.3750	-.3990
90.000	-.3460	
180.000	-.3940	
270.000	-.3880	

MACH (2) = .903 BETAT (3) = -4.060

X/LS	.985	1.000
PHI		
.000	-.3740	-.3970
90.000	-.3330	
180.000	-.3870	
270.000	-.3820	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RSMX11)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (4) = -2.020

X/LS	.985	1.000
PHI		
	-.3600	-.3970
90.000	-.3370	
180.000	-.3860	
270.000	-.3860	

MACH (2) = .901 BETAT (5) = 2.080

X/LS	.985	1.000
PHI		
	-.3590	-.4010
90.000	-.3330	
180.000	-.3920	
270.000	-.3950	

MACH (2) = .900 BETAT (6) = 4.150

X/LS	.985	1.000
PHI		
	-.3710	-.4000
90.000	-.3320	
180.000	-.4000	
270.000	-.3970	

MACH (2) = .902 BETAT (7) = 6.200

X/LS	.985	1.000
PHI		
	-.3650	-.4320
90.000	-.3490	
180.000	-.4220	
270.000	-.4060	

MACH (2) = .900 BETAT (8) = 6.280

X/LS	.985	1.000
PHI		
	-.3910	-.4310
90.000	-.3340	
180.000	-.4220	
270.000	-.4190	

MACH (3) = 1.103 BETAT (1) = -8.150

X/LS	.985	1.000
PHI		
	-.4650	-.4720
90.000	-.4280	
180.000	-.4650	
270.000	-.4670	

MACH (3) = 1.098 BETAT (2) = -6.110

X/LS	.985	1.000
PHI		
	-.4640	-.4730
90.000	-.4310	
180.000	-.4760	
270.000	-.4730	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REMARK)

AVES 11-797 1A9 08A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (3) = -4.070
X/LS .985 1.000
PHI .000 -.4560 -.4750
90.000 -.4330
180.000 -.4710
270.000 -.4690

MACH (3) = 1.101 BETAT (4) = -2.030
X/LS .985 1.000
PHI .000 -.4490 -.4720
90.000 -.4460
180.000 -.4730
270.000 -.4670

MACH (3) = 1.101 BETAT (5) = 2.090
X/LS .985 1.000
PHI .000 -.4680 -.4980
90.000 -.4680
180.000 -.4880
270.000 -.4920

MACH (3) = 1.103 BETAT (6) = 4.150
X/LS .985 1.000
PHI .000 -.4700 -.5060
90.000 -.4700
180.000 -.5080
270.000 -.5080

MACH (3) = 1.100 BETAT (7) = 6.290
X/LS .985 1.000
PHI .000 -.4720 -.5100
90.000 -.4680
180.000 -.5010
270.000 -.5020

MACH (3) = 1.100 BETAT (8) = 8.300
X/LS .985 1.000
PHI .000 -.4710 -.5130
90.000 -.4730
180.000 -.5090
270.000 -.5080

MACH (4) = 1.245 BETAT (1) = -8.110
X/LS .985 1.000
PHI .000 -.4250 -.4280
90.000 -.3950
180.000 -.4270
270.000 -.4300

AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(REMARK)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (2) = -6.070

X/LS	.985	1.000
PHI		
.000	-.4140	-.4230
90.000	-.3990	
180.000	-.4240	
270.000	-.4250	

MACH (4) = 1.249 BETAT (3) = -4.040

X/LS	.985	1.000
PHI		
.000	-.3940	-.4120
90.000	-.3940	
180.000	-.4160	
270.000	-.4150	

MACH (4) = 1.248 BETAT (4) = -2.020

X/LS	.985	1.000
PHI		
.000	-.3680	-.3940
90.000	-.3800	
180.000	-.3920	
270.000	-.3890	

MACH (4) = 1.246 BETAT (5) = 2.080

X/LS	.985	1.000
PHI		
.000	-.4080	-.4290
90.000	-.4080	
180.000	-.4270	
270.000	-.4270	

MACH (4) = 1.247 BETAT (6) = 4.130

X/LS	.985	1.000
PHI		
.000	-.4070	-.4290
90.000	-.4030	
180.000	-.4230	
270.000	-.4200	

MACH (4) = 1.246 BETAT (7) = 6.180

X/LS	.985	1.000
PHI		
.000	-.3970	-.4320
90.000	-.4080	
180.000	-.4300	
270.000	-.4260	

MAC (4) = 1.247 BETAT (8) = 8.250

X/LS	.985	1.000
PHI		
.000	-.4050	-.4430
90.000	-.4080	
180.000	-.4350	
270.000	-.4390	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RBNK12) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 BREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 ORSINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUDDLR = .000

DEPENDENT VARIABLE CP

SECTION (1) SRM BOOSTER BASE

MACH (1) = 1.101 BETAT (1) = -8.170
 X/LS .985 1.000
 PHI
 .000 -.5120 -.5240
 90.000 -.4760
 180.000 -.5120
 270.000 -.5190

MACH (1) = 1.100 BETAT (2) = -4.070
 X/LS .985 1.000
 PHI
 .000 -.4790 -.5200
 90.000 -.4620
 180.000 -.5070
 270.000 -.5070

MACH (1) = 1.097 BETAT (3) = .020
 X/LS .985 1.000
 PHI
 .000 -.4590 -.4790
 90.000 -.4330
 180.000 -.4810
 270.000 -.4670

MACH (1) = 1.099 BETAT (4) = 4.160
 X/LS .985 1.000
 PHI
 .000 -.4160 -.4370
 90.000 -.3840
 180.000 -.4360
 270.000 -.4290

MACH (1) = 1.105 BETAT (5) = 8.300
 X/LS .985 1.000
 PHI
 .000 -.4070 -.4240
 90.000 -.3840
 180.000 -.4290
 270.000 -.4370

MACH (2) = 1.250 BETAT (1) = -8.120
 X/LS .985 1.000
 PHI
 .000 -.4480 -.4600
 90.000 -.4190
 180.000 -.4410
 270.000 -.4520

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REV 12)

AVES 11-707 1A9 02A + S3 + 79 SEM BOOSTER BASE

SECTION (1) SEM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = 1.231 BETAT (2) = -4.050

X/LS	.985	1.000
PHI		
.000	-.4220	-.4510
90.000	-.4120	
180.000	-.4420	
270.000	-.4220	

MACH (2) = 1.246 BETAT (3) = .020

X/LS	.985	1.000
PHI		
.000	-.3850	-.4120
90.000	-.3950	
180.000	-.4250	
270.000	-.4150	

MACH (2) = 1.245 BETAT (4) = 4.130

X/LS	.985	1.000
PHI		
.000	-.3850	-.4120
90.000	-.3950	
180.000	-.4250	
270.000	-.3950	

MACH (2) = 1.247 BETAT (5) = 8.250

X/LS	.985	1.000
PHI		
.000	-.3850	-.3850
90.000	-.3550	
180.000	-.3600	
270.000	-.3720	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 SCM BOOSTER BASE

(PMX13) (16 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 OFFBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUDDLR = .000

SECTION (1) SCM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.180
 X/LS .985 1.000
 PHI
 .000 -.5160 -.5310
 90.000 -.4790
 180.000 -.5160
 270.000 -.5240

MACH (1) = 1.099 BETAT (2) = -4.080
 X/LS .985 1.000
 PHI
 .000 -.4880 -.5170
 90.000 -.4580
 180.000 -.5100
 270.000 -.5150

MACH (1) = 1.101 BETAT (3) = .020
 X/LS .985 1.000
 PHI
 .000 -.4520 -.4730
 90.000 -.4300
 180.000 -.4680
 270.000 -.4650

MACH (1) = 1.097 BETAT (4) = 4.140
 X/LS .985 1.000
 PHI
 .000 -.4350 -.4180
 90.000 -.3940
 180.000 -.4220
 270.000 -.4210

MACH (1) = 1.102 BETAT (5) = 8.280
 X/LS .985 1.000
 PHI
 .000 -.4140 -.4400
 90.000 -.3750
 180.000 -.4320
 270.000 -.4360

MACH (2) = 1.245 BETAT (1) = -8.130
 X/LS .985 1.000
 PHI
 .000 -.4440 -.4520
 90.000 -.4110
 180.000 -.4340
 270.000 -.4420

DATE 21 SEP 73 TABULATED PRESSURE DATA - 149A

REMARKS:

AVES 11-757 1A9 08A + S3 + T9 SFM BOOSTER BASE

SECTION 1: SFM BOOSTER BASE DEFLECT VARIABLE CP

SECTION 1: SFM BOOSTER BASE

WACH (2) = 1.251 BETAT (2) = -4.585

WALS	WALS	WALS	WALS
90.000	90.000	90.000	90.000
180.000	180.000	180.000	180.000
270.000	270.000	270.000	270.000

ACH (2) = 1.245 BETAT (3) = .585

WALS	WALS	WALS	WALS
90.000	90.000	90.000	90.000
180.000	180.000	180.000	180.000
270.000	270.000	270.000	270.000

WACH (2) = 1.245 BETAT (4) = 4.125

WALS	WALS	WALS	WALS
90.000	90.000	90.000	90.000
180.000	180.000	180.000	180.000
270.000	270.000	270.000	270.000

WACH (2) = 1.247 BETAT (5) = 9.235

WALS	WALS	WALS	WALS
90.000	90.000	90.000	90.000
180.000	180.000	180.000	180.000
270.000	270.000	270.000	270.000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 021 + S3 + T9 53W BOOSTER BASE

REVISED 1 29 JUL 73

REFERENCE DATA

SEEF = 2.4210 SQ.FT. XREF = 29.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 OFFDNC = .000
 RUDDER = -5.000 ELSHOW = .000
 RUDDLE = .000

SECTION (1) 53W BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -8.190
 Y/LS .995 1.000
 PMT
 .000 -1.4850 -1.5030
 90.000 -1.4810
 180.000 -1.4860
 270.000 -1.4940

MACH (1) = 1.101 BETAT (2) = -4.080
 Y/LS .995 1.000
 PMT
 .000 -1.4760 -1.4940
 90.000 -1.4510
 180.000 -1.4840
 270.000 -1.4930

MACH (1) = 1.099 BETAT (3) = .020
 Y/LS .995 1.000
 PMT
 .000 -1.4610 -1.4480
 90.000 -1.4980
 180.000 -1.4510
 270.000 -1.4440

MACH (1) = 1.103 BETAT (4) = 4.130
 Y/LS .995 1.000
 PMT
 .000 -1.3990 -1.4000
 90.000 -1.3820
 180.000 -1.4210
 270.000 -1.4040

MACH (1) = 1.099 BETAT (5) = 0.260
 Y/LS .995 1.000
 PMT
 .000 -1.4210 -1.4420
 90.000 -1.3750
 180.000 -1.4370
 270.000 -1.4430

MACH (2) = 1.245 BETAT (1) = -8.140
 Y/LS .995 1.000
 PMT
 .000 -1.4290 -1.4390
 90.000 -1.4010
 180.000 -1.4230
 270.000 -1.4330

DATE 21 SEP 75 TABULATED PRESSURE DATA - 1A9A

(REV 12-6)

AVES 11-707 1A9 02A + S3 + T9 SEM BOOSTER BASE

SECTION (1) SEM BOOSTER BASE		DEPENDENT VARIABLE CP	
MACH (2) = 1.244	BETAT (2) = -4.060	X/LS	.985 1.000
		PHI	
		.000	-.4120 -.4290
		90.000	-.3950
		180.000	-.4240
		270.000	-.4260
MACH (2) = 1.247	BETAT (3) = .020	X/LS	.985 1.000
		PHI	
		.000	-.3930 -.4030
		90.000	-.3640
		180.000	-.3950
		270.000	-.3950
MACH (2) = 1.245	BETAT (4) = 4.110	X/LS	.985 1.000
		PHI	
		.000	-.3680 -.3920
		90.000	-.3550
		180.000	-.3850
		270.000	-.3760
MACH (2) = 1.295	BETAT (5) = 0.210	X/LS	.985 1.000
		PHI	
		.000	-.3530 -.3750
		90.000	-.3560
		180.000	-.3750
		270.000	-.3750

DATE 21 SEP 73

TABULATED PRESSURE DATA - IA9A

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AVES 11-707 IA9 Q2A + S3 + T9 SRM BOOSTER BASE

(REVISED) 1 18 JUL 73

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

AERODYNAMIC DATA

ALPHA = -2.000 OREDINC = .500
 RUMBER = -5.000 ELEVON = .000
 RUDDER = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200
 X/LS .985 1.000
 PHI
 .000 -.4780 -.4870
 90.000 -.4470
 180.000 -.4720
 270.000 -.4790

MACH (1) = 1.101 BETAT (2) = -4.080
 X/LS .985 1.000
 PHI
 .000 -.4570 -.4710
 90.000 -.4440
 180.000 -.4730
 270.000 -.4660

MACH (1) = 1.103 BETAT (3) = .080
 X/LS .985 1.000
 PHI
 .000 -.4300 -.4460
 90.000 -.4310
 180.000 -.4520
 270.000 -.4420

MACH (1) = 1.087 BETAT (4) = 4.140
 X/LS .985 1.000
 PHI
 .000 -.3890 -.4170
 90.000 -.3920
 180.000 -.4110
 270.000 -.4110

MACH (1) = 1.100 BETAT (5) = 8.250
 X/LS .985 1.000
 PHI
 .000 -.4300 -.4510
 90.000 -.3880
 180.000 -.4460
 270.000 -.4490

MACH (2) = 1.245 BETAT (1) = -8.190
 X/LS .985 1.000
 PHI
 .000 -.4270 -.4360
 90.000 -.4030
 180.000 -.4270
 270.000 -.4340

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(CONT'D)

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (2) = 1.249	BETAT (2) = -4.570	X/LS	.985	1.000
		PHI		
		.000	-.4090	-.4230
		90.000	-.3900	
		180.000	-.4170	
		270.000	-.4180	
MACH (2) = 1.247	BETAT (3) = .000	X/LS	.985	1.000
		PHI		
		.000	-.3720	-.3880
		90.000	-.3620	
		180.000	-.3850	
		270.000	-.3830	
MACH (2) = 1.247	BETAT (4) = 4.110	X/LS	.985	1.000
		PHI		
		.000	-.3620	-.3840
		90.000	-.3600	
		180.000	-.3830	
		270.000	-.3800	
MACH (2) = 1.246	BETAT (5) = 8.270	X/LS	.985	1.000
		PHI		
		.000	-.3650	-.3810
		90.000	-.3470	
		180.000	-.3830	
		270.000	-.3830	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(C) 1968 (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 26.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 OSINC = .500
 RUDDER = -5.000 ELEV = .500
 RUDDER = .000

DEPENDENT VARIABLE OF

SECTION (1) SRM BOOSTER BASE

MACH (1) = 1.101 BETAT (1) = -8.210
 X/LS .985 1.000
 PHI .000 -.4710 -.4830
 90.000 -.4400
 180.000 -.4760
 270.000 -.4820

MACH (1) = 1.098 BETAT (2) = -4.090
 X/LS .985 1.000
 PHI .000 -.4530 -.4740
 90.000 -.4380
 180.000 -.4670
 270.000 -.4620

MACH (1) = 1.100 BETAT (3) = .020
 X/LS .995 1.000
 PHI .000 -.4260 -.4570
 90.000 -.4260
 180.000 -.4470
 270.000 -.4460

MACH (1) = 1.100 BETAT (4) = 4.130
 X/LS .985 1.000
 PHI .000 -.3980 -.4310
 90.000 -.3960
 180.000 -.4240
 270.000 -.4390

MACH (1) = 1.099 BETAT (5) = 8.290
 X/LS .985 1.000
 PHI .000 -.4350 -.4580
 90.000 -.4010
 180.000 -.4530
 270.000 -.4520

MACH (2) = 1.247 BETAT (1) = -8.190
 X/LS .985 1.000
 PHI .000 -.4210 -.4340
 90.000 -.3990
 180.000 -.4260
 270.000 -.4310

(RPMX16)

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 CEA + 33 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEFENDENT VARIABLE CP

MACH (2) = 1.249	BETAT (2) = -4.070	X/LS	.985	1.000
		PHI		
		.000	-.4040	-.4220
		90.000	-.3870	
		180.000	-.4160	
		270.000	-.4160	
MACH (2) = 1.247	BETAT (3) = .020	X/LS	.985	1.000
		PHI		
		.000	-.3720	-.3860
		90.000	-.3650	
		180.000	-.3840	
		270.000	-.3820	
MACH (2) = 1.244	BETAT (4) = 4.110	X/LS	.985	1.000
		PHI		
		.000	-.3610	-.3780
		90.000	-.3650	
		180.000	-.3850	
		270.000	-.3820	
MACH (2) = 1.244	BETAT (5) = 8.200	X/LS	.985	1.000
		PHI		
		.000	-.3720	-.3920
		90.000	-.3480	
		180.000	-.3920	
		270.000	-.3910	

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-757 1A9 02A + S3 + T9 SRM BOOSTER BASE (RBMX17) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORSINC = .500
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.200 X/LS .985 1.000
PHI
.000 -4670 -4720
90.000 -4390
180.000 -4700
270.000 -4700

MACH (1) = 1.098 BETAT (2) = -4.090 X/LS .985 1.000
PHI
.000 -4440 -4620
90.000 -4290
180.000 -4550
270.000 -4550

MACH (1) = 1.102 BETAT (3) = .020 X/LS .985 1.000
PHI
.000 -4260 -4390
90.000 -4170
180.000 -4380
270.000 -4370

MACH (1) = 1.100 BETAT (4) = 4.130 X/LS .985 1.000
PHI
.000 -4300 -4510
90.000 -4210
180.000 -4540
270.000 -4510

MACH (1) = 1.099 BETAT (5) = 8.250 X/LS .985 1.000
PHI
.000 -4380 -4700
90.000 -4130
180.000 -4670
270.000 -4640

MACH (2) = 1.244 BETAT (1) = -8.150 X/LS .985 1.000
PHI
.000 -4180 -4310
90.000 -3930
180.000 -4230
270.000 -4270

DATE 21 SEP 73 TABULATED PRESSURE DATA - IASA

AVES 11-707 IAS OBA + S3 + T9 SRM BOOSTER BASE (RBMX17)

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (2) = 1.231 BETAT (2) = -4.060
X/LS .985 1.000
PHI
.000 -.3980 -.4120
90.000 -.3800
180.000 -.4110
270.000 -.4060

MACH (2) = 1.248 BETAT (3) = .020
X/LS .985 1.000
PHI
.000 -.3660 -.3860
90.000 -.3610
180.000 -.3800
270.000 -.3790

MACH (2) = 1.244 BETAT (4) = 4.100
X/LS .985 1.000
PHI
.000 -.3810 -.3980
90.000 -.3730
180.000 -.4000
270.000 -.3960

MACH (2) = 1.245 BETAT (5) = 8.200
X/LS .985 1.000
PHI
.000 -.3780 -.4000
90.000 -.3610
180.000 -.4040
270.000 -.4010

DATE 21 SEP 73 TABULATED PRESSURE DATA - IAS9

AVES 11-707 IAS 02A + S3 + T9 SRM BOOSTER BASE

(RBNX18) (18 JUL 73)

REFERENCE DATA

SREF = 2.4215 SQ.FT. XSRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YSRP = .0000 INCHES
 BREF = 39.8490 INCHES ZSRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) SRM BOOSTER BASE

MACH (1) = 1.101 BETAT (1) = -8.200
 X/LS .985 1.000
 PHI .000
 .000 -.4600 -.4610
 90.000 -.4320
 180.000 -.4580
 270.000 -.4620

MACH (1) = 1.099 BETAT (2) = -4.080
 X/LS .985 1.000
 PHI .000
 .000 -.4380 -.4580
 90.000 -.4320
 180.000 -.4670
 270.000 -.4580

MACH (1) = 1.098 BETAT (3) = .020
 X/LS .985 1.000
 PHI .000
 .000 -.4300 -.4540
 90.000 -.4410
 180.000 -.4560
 270.000 -.4460

MACH (1) = 1.100 BETAT (4) = 4.130
 X/LS .985 1.000
 PHI .000
 .000 -.4460 -.4730
 90.000 -.4320
 180.000 -.4750
 270.000 -.4690

MACH (1) = 1.099 BETAT (5) = 8.260
 X/LS .985 1.000
 PHI .000
 .000 -.4450 -.4810
 90.000 -.4250
 180.000 -.4770
 270.000 -.4750

MACH (2) = 1.244 BETAT (1) = -8.140
 X/LS .985 1.000
 PHI .000
 .000 -.4190 -.4240
 90.000 -.3940
 180.000 -.4170
 270.000 -.4230

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
 AWES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(REVISED)

SECTION (1) SRM BOOSTER BASE		DEPENDENT VARIABLE CP	
MACH (2) = 1.244	BETAT (2) = -4.060	X/LS .985	1.000
		PHI .000	-.3880
		90.000	-.3760
		180.000	-.4090
		270.000	-.4040
MACH (2) = 1.247	BETAT (3) = .020	X/LS .985	1.000
		PHI .000	-.3780
		90.000	-.3760
		180.000	-.3940
		270.000	-.3880
MACH (2) = 1.249	BETAT (4) = 4.120	X/LS .985	1.000
		PHI .000	-.3930
		90.000	-.3760
		180.000	-.4110
		270.000	-.4040
MACH (2) = 1.245	BETAT (5) = 8.210	X/LS .985	1.000
		PHI .000	-.3810
		90.000	-.3760
		180.000	-.4120
		270.000	-.4120

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

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AVES 11-707 IAS Q2A + S3 + T9 SRM BOOSTER BASE

(RSM19) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 6.000 ORSINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUFLER = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.101	BETAT (1) = -8.180	X/LS	.985	1.000
		PHI		
		.000	-.4630	-.4710
		90.000	-.4280	
		180.000	-.4660	
		270.000	-.4680	
MACH (1) = 1.108	BETAT (2) = -4.080	X/LS	.985	1.000
		PHI		
		.000	-.4410	-.4670
		90.000	-.4310	
		180.000	-.4620	
		270.000	-.4580	
MACH (1) = 1.101	BETAT (3) = .020	X/LS	.985	1.000
		PHI		
		.000	-.4450	-.4650
		90.000	-.4480	
		180.000	-.4680	
		270.000	-.4610	
MACH (1) = 1.103	BETAT (4) = 4.150	X/LS	.985	1.000
		PHI		
		.000	-.4620	-.4870
		90.000	-.4610	
		180.000	-.4920	
		270.000	-.4890	
MACH (1) = 1.100	BETAT (5) = 8.280	X/LS	.985	1.000
		PHI		
		.000	-.4580	-.5020
		90.000	-.4560	
		180.000	-.4980	
		270.000	-.4950	
MACH (2) = 1.246	BETAT (1) = -8.120	X/LS	.985	1.000
		PHI		
		.000	-.4260	-.4310
		90.000	-.3990	
		180.000	-.4250	
		270.000	-.4290	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REMARKS)

APES 11-707 1A9 CEA + S2 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (2) = -4.050

X/LS	.985	1.000
PHI		
.000	-.3920	-.4080
90.000	-.3890	
180.000	-.4120	
270.000	-.4070	

MACH (2) = 1.247 BETAT (3) = .010

X/LS	.985	1.000
PHI		
.000	-.3880	-.4120
90.000	-.3910	
180.000	-.4030	
270.000	-.3980	

MACH (2) = 1.245 BETAT (4) = 4.120

X/LS	.985	1.000
PHI		
.000	-.4040	-.4190
90.000	-.3910	
180.000	-.4150	
270.000	-.4180	

MACH (2) = 1.244 BETAT (5) = 8.230

X/LS	.985	1.000
PHI		
.000	-.3920	-.4290
90.000	-.3920	
180.000	-.4260	
270.000	-.4260	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RMX20) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 S3.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ORBINC = .500
 ROLLER = -5.000 ELEVON = .000
 ROLFLR = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.160

X/LS	.985	1.000
PHI	.000	-.4660
90.000	-.4310	
180.000	-.4700	
270.000	-.4710	

MACH (1) = 1.101 BETAT (2) = -4.070

X/LS	.985	1.000
PHI	.000	-.4590
90.000	-.4390	
180.000	-.4770	
270.000	-.4710	

MACH (1) = 1.099 BETAT (3) = .020

X/LS	.985	1.000
PHI	.000	-.4680
90.000	-.4620	
180.000	-.4830	
270.000	-.4870	

MACH (1) = 1.100 BETAT (4) = 4.160

X/LS	.985	1.000
PHI	.000	-.4870
90.000	-.4860	
180.000	-.5160	
270.000	-.5120	

MACH (1) = 1.099 BETAT (5) = 8.300

X/LS	.985	1.000
PHI	.000	-.4690
90.000	-.4740	
180.000	-.5050	
270.000	-.5040	

MACH (2) = 1.246 BETAT (1) = -8.110

X/LS	.985	1.000
PHI	.000	-.4330
90.000	-.4040	
180.000	-.4350	
270.000	-.4350	

(SSN20)

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
AMES 11-757 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE		DEPENDENT VARIABLE CP	
MACH (2) = 1.248	BETAT (2) = -4.040	X/LS	.985 1.000
		PHI	
		.000	-.4000
		90.000	-.4020
		180.000	-.4220
		270.000	-.4200
MACH (2) = 1.245	BETAT (3) = .010	X/LS	.985 1.000
		PHI	
		.000	-.3960
		90.000	-.4090
		180.000	-.4140
		270.000	-.4110
MACH (2) = 1.245	BETAT (4) = 4.130	X/LS	.985 1.000
		PHI	
		.000	-.4010
		90.000	-.4020
		180.000	-.4260
		270.000	-.4210
MACH (2) = 1.243	BETAT (5) = 7.210	X/LS	.985 1.000
		PHI	
		.000	-.4050
		90.000	-.4090
		180.000	-.4340
		270.000	-.4350

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RBM21) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 OBBINC = .500
 RUDER = -10.000 ELEVON = .000
 RUDEFL = .000

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.170 X/LS .985 1.000
 PHI .000
 90.000 -.5010 -.5090
 180.000 -.4670
 270.000 -.5020
 270.000 -.5070

MACH (1) = 1.104 BETAT (2) = -4.080 X/LS .985 1.000
 PHI .000
 90.000 -.4890 -.5240
 180.000 -.4650
 270.000 -.5150
 270.000 -.5080

MACH (1) = 1.099 BETAT (3) = .020 X/LS .985 1.000
 PHI .000
 90.000 -.4540 -.4830
 180.000 -.4310
 270.000 -.4740
 270.000 -.4750

MACH (1) = 1.101 BETAT (4) = 4.150 X/LS .985 1.000
 PHI .000
 90.000 -.4150 -.4320
 180.000 -.3920
 270.000 -.4410
 270.000 -.4310

MACH (1) = 1.100 BETAT (5) = 8.300 X/LS .985 1.000
 PHI .000
 90.000 -.4150 -.4370
 180.000 -.3890
 270.000 -.4290
 270.000 -.4320

MACH (2) = 1.245 BETAT (1) = -8.120 X/LS .985 1.000
 PHI .000
 90.000 -.4450 -.4570
 180.000 -.4160
 270.000 -.4390
 270.000 -.4490

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE (RBM021)

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (2) = 1.232	BETAT (2) = -4.050	X/LS	.985	1.000
		PHI		
		.000	-.4180	-.4490
		90.000	-.4090	
		180.000	-.4480	
		270.000	-.4450	
MACH (2) = 1.230	BETAT (3) = .020	X/LS	.985	1.000
		PHI		
		.000	-.3850	-.4100
		90.000	-.3690	
		180.000	-.4050	
		270.000	-.4140	
MACH (2) = 1.246	BETAT (4) = 4.130	X/LS	.985	1.000
		PHI		
		.000	-.3880	-.4010
		90.000	-.3640	
		180.000	-.3970	
		270.000	-.3980	
MACH (2) = 1.247	BETAT (5) = 8.260	X/LS	.985	1.000
		PHI		
		.000	-.3630	-.3880
		90.000	-.3550	
		180.000	-.3820	
		270.000	-.3850	

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

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AVES 11-707 IAS O2A + S3 + T9 SRM BOOSTER BASE

(REMARK22) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 OFFSINC = .500
 RLOSER = -10.000 ELEVON = .000
 RLOSER = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LS	PHI	.985	1.000
.000		-.5190	-.5290
90.000		-.4840	
180.000		-.5130	
270.000		-.5190	

MACH (1) = 1.097 BETAT (2) = -4.080

X/LS	PHI	.985	1.000
.000		-.4890	-.5130
90.000		-.4540	
180.000		-.5050	
270.000		-.5060	

MACH (1) = 1.088 BETAT (3) = .020

X/LS	PHI	.985	1.000
.000		-.4530	-.4790
90.000		-.4280	
180.000		-.4630	
270.000		-.4580	

MACH (1) = 1.100 BETAT (4) = 4.140

X/LS	PHI	.985	1.000
.000		-.4010	-.4130
90.000		-.3850	
180.000		-.4160	
270.000		-.4160	

MACH (1) = 1.099 BETAT (5) = 8.280

X/LS	PHI	.985	1.000
.000		-.4170	-.4410
90.000		-.3840	
180.000		-.4300	
270.000		-.4340	

MACH (2) = 1.247 BETAT (1) = -8.140

X/LS	PHI	.985	1.000
.000		-.4440	-.4500
90.000		-.4140	
180.000		-.4370	
270.000		-.4440	

(RSM22)

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1)SRM BOOSTER BASE		DEPENDENT VARIABLE CP	
MACH (2) = 1.247	BETAT (2) = -4.060	X/LS	.985 1.000
		PHI	
		.000	-.4110 -.4380
		90.000	-.3920
		180.000	-.4330
		270.000	-.4310
MACH (2) = 1.250	BETAT (3) = .020	X/LS	.985 1.000
		PHI	
		.000	-.3810 -.4080
		90.000	-.3640
		180.000	-.4060
		270.000	-.3980
MACH (2) = 1.250	BETAT (4) = 4.120	X/LS	.985 1.000
		PHI	
		.000	-.3810 -.3900
		90.000	-.3640
		180.000	-.3880
		270.000	-.3880
MACH (2) = 1.249	BETAT (5) = 8.230	X/LS	.985 1.000
		PHI	
		.000	-.3530 -.3750
		90.000	-.3530
		180.000	-.3740
		270.000	-.3730

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AXES 11-707 149 02A + S3 + 19 SRV BOOSTER BASE

(REV 23) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.0000 OSEINC = .500
 ROTTER = -20.0000 ELDVOL = .000
 RUOTLR = .500

DEPENDENT VARIABLE OF

SECTION (1) SRV BOOSTER BASE

MACH (1) = 1.099 BETAT (1) = -8.200
 X/LS .985 1.000
 PHI .000
 90.000 -.4990 -.5090
 180.000 -.4660
 270.000 -.4980

MACH (1) = 1.097 BETAT (2) = -4.090
 X/LS .985 1.000
 PHI .000
 90.000 -.4710 -.4930
 180.000 -.4510
 270.000 -.4850

MACH (1) = 1.101 BETAT (3) = .020
 X/LS .985 1.000
 PHI .000
 90.000 -.4410 -.4650
 180.000 -.4260
 270.000 -.4660

MACH (1) = 1.102 BETAT (4) = 4.140
 X/LS .985 1.000
 PHI .000
 90.000 -.3910 -.4020
 180.000 -.3810
 270.000 -.4030

MACH (1) = 1.098 BETAT (5) = 8.260
 X/LS .985 1.000
 PHI .000
 90.000 -.4290 -.4530
 180.000 -.3800
 270.000 -.4340

MACH (2) = 1.269 BETAT (1) = -8.150
 X/LS .985 1.000
 PHI .000
 90.000 -.4310 -.4370
 180.000 -.4080
 270.000 -.4250

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
 AMES 11-707 1A9 OCA + S3 + T9 SRM BOOSTER BASE

(RSMX23)

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.060 X/LS .985 1.000
 PHI
 .000 -.4170 -.4350
 90.000 -.3940
 180.000 -.4220
 270.000 -.4290

MACH (2) = 1.248 BETAT (3) = .010 X/LS .985 1.000
 PHI
 .000 -.3820 -.4030
 90.000 -.3630
 180.000 -.3970
 270.000 -.3970

MACH (2) = 1.247 BETAT (4) = 4.120 X/LS .985 1.000
 PHI
 .000 -.3650 -.3750
 90.000 -.3580
 180.000 -.3780
 270.000 -.3740

MACH (2) = 1.246 BETAT (5) = 8.210 X/LS .985 1.000
 PHI
 .000 -.3590 -.3790
 90.000 -.3580
 180.000 -.3810
 270.000 -.3780

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 C2A + S3 + T9 SRM BOOSTER BASE (RBMX24) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 98.FT. XMRP = 28.5301 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 ORBINC = .500
 RUDDER = -10.000 ELEVON = .000
 RUDFLR = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.100	BETAT (1) = -8.200	X/LS	.985	1.000
		PHI		
		.000	-.4750	-.4850
		90.000	-.4450	
		180.000	-.4750	
		270.000	-.4830	

MACH (1) = 1.098	BETAT (2) = -4.090	X/LS	.985	1.000
		PHI		
		.000	-.4540	-.4740
		90.000	-.4390	
		180.000	-.4690	
		270.000	-.4620	

MACH (1) = 1.098	BETAT (3) = .030	X/LS	.985	1.000
		PHI		
		.000	-.4280	-.4500
		90.000	-.4300	
		180.000	-.4480	
		270.000	-.4410	

MACH (1) = 1.097	BETAT (4) = 4.130	X/LS	.985	1.000
		PHI		
		.000	-.3940	-.4190
		90.000	-.4060	
		180.000	-.4260	
		270.000	-.4120	

MACH (1) = 1.101	BETAT (5) = 8.250	X/LS	.985	1.000
		PHI		
		.000	-.4320	-.4490
		90.000	-.3890	
		180.000	-.4460	
		270.000	-.4480	

MACH (2) = 1.246	BETAT (1) = -8.150	X/LS	.985	1.000
		PHI		
		.000	-.4220	-.4360
		90.000	-.4720	
		180.000	-.4260	
		270.000	-.4280	

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
 AVES 11-707 1A9 OCA + S3 + T9 SRM BOOSTER BASE

(RBMX24)

SECTION (1) SRM BOOSTER BASE DEFENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.070
 X/L S .985 1.000
 PHI .000 -.4050 -.4220
 90.000 -.3890
 180.000 -.4170
 270.000 -.4170

MACH (2) = 1.249 BETAT (3) = .020
 X/L S .985 1.000
 PHI .000 -.3710 -.3910
 90.000 -.3630
 180.000 -.3870
 270.000 -.3830

MACH (2) = 1.249 BETAT (4) = 4.110
 X/L S .985 1.000
 PHI .000 -.3660 -.3840
 90.000 -.3630
 180.000 -.3840
 270.000 -.3820

MACH (2) = 1.249 BETAT (5) = 8.210
 X/L S .985 1.000
 PHI .000 -.3640 -.3850
 90.000 -.3480
 180.000 -.3830
 270.000 -.3820

AMES 11-707 1A9 02A + S3 + T9 SRN BOOSTER BASE

(RBMX25) (18 JUL 73)

REFERENCE DATA

XREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 YREF = 39.8490 INCHES YMRP = .0000 INCHES
 ZREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
 RUDDER = -10.000 ELEVON = .000
 RUOFLR = .000

SECTION (1) SRN BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -0.200
 X/LS .985 1.000
 PHI
 .000 -.4780 -.4910
 90.000 -.4480
 180.000 -.4830
 270.000 -.4850

MACH (1) = 1.095 BETAT (2) = -4.090
 X/LS .985 1.000
 PHI
 .000 -.4540 -.4720
 90.000 -.4420
 180.000 -.4670
 270.000 -.4840

MACH (1) = 1.099 BETAT (3) = .020
 X/LS .985 1.000
 PHI
 .000 -.4250 -.4460
 90.000 -.4240
 180.000 -.4410
 270.000 -.4530

MACH (1) = 1.100 BETAT (4) = 4.130
 X/LS .985 1.000
 PHI
 .000 -.3960 -.4230
 90.000 -.3970
 180.000 -.4340
 270.000 -.4340

MACH (1) = 1.096 BETAT (5) = 0.260
 X/LS .985 1.000
 PHI
 .000 -.4430 -.4630
 90.000 -.4050
 180.000 -.4580
 270.000 -.4610

MACH (2) = 1.246 BETAT (1) = -0.160
 X/LS .985 1.000
 PHI
 .000 -.4190 -.4330
 90.000 -.3920
 180.000 -.4240
 270.000 -.4300

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(25X25)

AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (2) = -4.070
X/LS .985 1.000
PHI
.000 -.4020 -.4160
90.000 -.3820
180.000 -.4130
270.000 -.4110

MACH (2) = 1.249 BETAT (3) = .020
X/LS .985 1.000
PHI
.000 -.3710 -.3860
90.000 -.3640
180.000 -.3860
270.000 -.3820

MACH (2) = 1.251 BETAT (4) = 4.110
X/LS .985 1.000
PHI
.000 -.3640 -.3800
90.000 -.3670
180.000 -.3840
270.000 -.3800

MACH (2) = 1.248 BETAT (5) = 8.200
X/LS .985 1.000
PHI
.000 -.3700 -.3890
90.000 -.3460
180.000 -.3530
270.000 -.3890

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AMES 11-707 1A9 Q2A + S3 + T9 SRM BOOSTER BASE

(RBMX26) (18 JUL 73)

REFERENCE DATA

SREF = 2.4215 SQ.FT. XGRP = 28.5300 INCHES
LREF = 39.8490 INCHES YGRP = .0000 INCHES
BREF = 39.8490 INCHES ZGRP = .0000 INCHES
SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORBINC = .500
RUDDER = -10.000 ELEVON = .000
RUDEFL = .000

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.210
X/LS .965 1.000
PHI .000 -.4680 -.4790
90.000 -.4390
180.000 -.4710
270.000 -.4750

MACH (1) = 1.099 BETAT (2) = -4.090
X/LS .985 1.000
PHI .000 -.4460 -.4600
90.000 -.4250
180.000 -.4590
270.000 -.4540

MACH (1) = 1.100 BETAT (3) = .020
X/LS .985 1.000
PHI .000 -.4220 -.4400
90.000 -.4230
180.000 -.4420
270.000 -.4370

MACH (1) = 1.101 BETAT (4) = 4.130
X/LS .985 1.000
PHI .000 -.4240 -.4530
90.000 -.4120
180.000 -.4540
270.000 -.4410

MACH (1) = 1.098 BETAT (5) = 8.260
X/LS .985 1.000
PHI .000 -.4350 -.4690
90.000 -.4140
180.000 -.4640
270.000 -.4640

MACH (2) = 1.247 BETAT (1) = -8.160
X/LS .985 1.000
PHI .000 -.4230 -.4360
90.000 -.3960
180.000 -.4240
270.000 -.4290

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
ANES 11-797 1A9 OCA + S3 + T9 SRM BOOSTER BASE

(RMK26)

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (2) = -4.070
X/LS .985 1.000
PHI .000 -.3970 -.4110
90.000 -.3780
180.000 -.4080
270.000 -.4070

MACH (2) = 1.248 BETAT (3) = .020
X/LS .985 1.000
PHI .000 -.3660 -.3780
90.000 -.3590
180.000 -.3790
270.000 -.3740

MACH (2) = 1.246 BETAT (4) = 4.100
X/LS .985 1.000
PHI .000 -.3830 -.3960
90.000 -.3720
180.000 -.4010
270.000 -.3970

MACH (2) = 1.247 BETAT (5) = 8.200
X/LS .985 1.000
PHI .000 -.3760 -.3960
90.000 -.3570
180.000 -.4030
270.000 -.3980

DATE 21 SEP 75

TABULATED PRESSURE DATA - 1A9A

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(REMARKS) (18 JUL 75)

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

REFERENCE DATA

SREF = 2.4211 13.FT. XREF = 28.5300 INCHES
 LREF = 39.8499 1-INCHES YREF = .0000 INCHES
 SREF = 39.8499 1-INCHES ZREF = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 ORBINC = .500
 BUDGER = -10.000 ELEVON = .000
 RUOFER = .000

DEPENDENT VARIABLE CP

SECTION (1) SRM BOOSTER BASE

MACH (1) = 1.097 BETAT (1) = -8.200

X/LS	PHI	Y/LS	PHI
.000	.000	.985	1.000
90.000	-.4640	-.4700	
180.000	-.4350		
270.000	-.4670		
		-.4660	

MACH (1) = 1.099 BETAT (2) = -4.000

X/LS	PHI	Y/LS	PHI
.000	.000	.985	1.000
90.000	-.4310	-.4540	
180.000	-.4230		
270.000	-.4500		
		-.4480	

MACH (1) = 1.100 BETAT (3) = .020

X/LS	PHI	Y/LS	PHI
.000	.000	.985	1.000
90.000	-.4280	-.4480	
180.000	-.4350		
270.000	-.4550		
		-.4480	

MACH (1) = 1.099 BETAT (4) = 4.140

X/LS	PHI	Y/LS	PHI
.000	.000	.995	1.000
90.000	-.4440	-.4670	
180.000	-.4340		
270.000	-.4710		
		-.4670	

MACH (1) = 1.101 BETAT (5) = 8.260

X/LS	PHI	Y/LS	PHI
.000	.000	.985	1.000
90.000	-.4330	-.4790	
180.000	-.4470		
270.000	-.4720		
		-.4670	

MACH (2) = 1.249 BETAT (1) = -8.150

X/LS	PHI	Y/LS	PHI
.000	.000	.985	1.000
90.000	-.4210	-.4280	
180.000	-.3940		
270.000	-.4180		
		-.4250	

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBW27)

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (2) = -4.560
X/L S .985 1.000
PHI .000 -.3940 -.4090
90.000 -.3820
180.000 -.4120
270.000 -.4060

MACH (2) = 1.249 BETAT (3) = .020
X/L S .985 1.000
PHI .000 -.3760 -.3860
90.000 -.3740
180.000 -.3890
270.000 -.3860

MACH (2) = 1.251 BETAT (4) = 4.110
X/L S .985 1.000
PHI .000 -.3970 -.4040
90.000 -.3740
180.000 -.4070
270.000 -.4040

MACH (2) = 1.246 BETAT (5) = 8.210
X/L S .985 1.000
PHI .000 -.3820 -.4100
90.000 -.3730
180.000 -.4140
270.000 -.4100

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 Q2A + S3 + T9 SRM BOOSTER BASE

(RBMX29) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 6.000 ORBINC = .500
 RUDDER = -10.000 ELEVON = .000
 RUOFLR = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.190
 X/LS .985 1.000
 PHI
 .000 -.4620 -.4640
 90.000 -.4190
 180.000 -.4630
 270.000 -.4620

MACH (1) = 1.098 BETAT (2) = -4.060
 X/LS .985 1.000
 PHI
 .000 -.4450 -.4670
 90.000 -.4310
 180.000 -.4560
 270.000 -.4590

MACH (1) = 1.099 BETAT (3) = .020
 X/LS .985 1.000
 PHI
 .000 -.4410 -.4670
 90.000 -.4470
 180.000 -.4620
 270.000 -.4610

MACH (1) = 1.102 BETAT (4) = 4.150
 X/LS .985 1.000
 PHI
 .000 -.4480 -.4810
 90.000 -.4610
 180.000 -.4890
 270.000 -.4830

MACH (1) = 1.099 BETAT (5) = 8.280
 X/LS .985 1.000
 PHI
 .000 -.4560 -.4960
 90.000 -.4580
 180.000 -.4920
 270.000 -.4970

MACH (2) = 1.248 BETAT (1) = -8.130
 X/LS .985 1.000
 PHI
 .000 -.4230 -.4300
 90.000 -.3960
 180.000 -.4220
 270.000 -.4260

DATE 21 SEP 73
 TAPULATED PRESSURE DATA - 1A9A
 AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RDM428)

SECTION (1) SRM BOOSTER BASE		DEPENDENT VARIABLE CP	
MACH (2) = 1.251	BETAT (2) = -4.060	X/LS	.985 1.000
		PHI	.000
		90.000	-.3940
		180.000	-.3900
		270.000	-.4100
			-.4100
MACH (2) = 1.249	BETAT (3) = .010	X/LS	.985 1.000
		PHI	.000
		90.000	-.3810
		180.000	-.3870
		270.000	-.4000
			-.3960
MACH (2) = 1.245	BETAT (4) = 4.120	X/LS	.985 1.000
		PHI	.000
		90.000	-.3950
		180.000	-.3860
		270.000	-.4130
			-.4130
MACH (2) = 1.245	BETAT (5) = 8.200	X/LS	.985 1.000
		PHI	.000
		90.000	-.3980
		180.000	-.3950
		270.000	-.4290
			-.4280

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

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AVES 11-707 IAS Q2A + S3 + T9 SRW BOOSTER BASE

(RBNV29) (18 JUL 73)

REFERENCE DATA

STREF = 2.4210 SQ.FT. XREFP = 28.5300 INCHES
 LREFP = 39.8490 INCHES YREFP = .0000 INCHES
 BREFP = 39.8490 INCHES ZREFP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.0000 CFSINC = .5000
 RUDDER = -10.0000 ELEVEN = .0000
 RUDDFLR = .0000

DEPENDENT VARIABLE CP

SECTION (1) SRW BOOSTER BASE

MACH (1) = 1.098 BETAT (1) = -8.180
 X/LS .985 1.000
 PHI .000
 90.000 -.4730 -.4820
 180.000 -.4390
 270.000 -.4770
 270.000 -.4720

MACH (1) = 1.096 BETAT (2) = -4.070
 X/LS .985 1.000
 PHI .000
 90.000 -.4570 -.4800
 180.000 -.4400
 270.000 -.4810
 270.000 -.4730

MACH (1) = 1.098 BETAT (3) = .020
 X/LS .985 1.000
 PHI .000
 90.000 -.4600 -.4880
 180.000 -.4580
 270.000 -.4800
 270.000 -.4780

MACH (1) = 1.098 BETAT (4) = 4.180
 X/LS .985 1.000
 PHI .000
 90.000 -.4870 -.5250
 180.000 -.4880
 270.000 -.5190
 270.000 -.5140

MACH (1) = 1.098 BETAT (5) = 8.310
 X/LS .985 1.000
 PHI .000
 90.000 -.4710 -.5140
 180.000 -.4780
 270.000 -.5060
 270.000 -.5580

MACH (2) = 1.247 BETAT (1) = -8.100
 X/LS .985 1.000
 PHI .000
 90.000 -.4310 -.4350
 180.000 -.4310
 270.000 -.4320
 270.000 -.4350

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REV 02)

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.040

X/LS	.985	1.000
PHI		
.000	-.3980	-.4160
90.000	-.3980	
180.000	-.4170	
270.000	-.4170	

MACH (2) = 1.249 BETAT (3) = .020

X/LS	.985	1.000
PHI		
.000	-.3930	-.4130
90.000	-.4010	
180.000	-.4130	
270.000	-.4150	

MACH (2) = 1.249 BETAT (4) = 4.130

X/LS	.985	1.000
PHI		
.000	-.4060	-.4250
90.000	-.4070	
180.000	-.4270	
270.000	-.4230	

MACH (2) = 1.246 BETAT (5) = 8.250

X/LS	.985	1.000
PHI		
.000	-.4080	-.4240
90.000	-.4070	
180.000	-.4220	
270.000	-.4390	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 SEM BOOSTER BASE

(REMARKS) (18 JUL 73)

REFERENCE DATA

STEP = 2.4215 SQ.FT. XREF = 28.5355 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0350 SCALE

PARAMETRIC DATA

ALPHAT = -8.0000 OESSMC = .500
 RUDDER = -25.0000 EDIVON = .000
 RUFLS = .000

SECTION (1) SEM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.180

X/LS	.985	1.000
PHI	.000	-5190
	90.000	-4860
	180.000	-5140
	270.000	-5210

MACH (2) = 1.102 BETAT (2) = -4.080

X/LS	.985	1.000
PHI	.000	-4810
	90.000	-4620
	180.000	-5180
	270.000	-5090

MACH (3) = 1.102 BETAT (3) = .020

X/LS	.985	1.000
PHI	.000	-6470
	90.000	-4220
	180.000	-4720
	270.000	-4590

MACH (4) = 1.103 BETAT (4) = 4.160

X/LS	.985	1.000
PHI	.000	-6130
	90.000	-3840
	180.000	-4390
	270.000	-4410

MACH (5) = 1.102 BETAT (5) = 8.310

X/LS	.985	1.000
PHI	.000	-3990
	90.000	-3740
	180.000	-4240
	270.000	-4260

MACH (6) = 1.244 BETAT (1) = -8.130

X/LS	.985	1.000
PHI	.000	-4520
	90.000	-4220
	180.000	-4460
	270.000	-4550

REMARKS

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
 AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEFUNCT VARIABLE CP

MACH (2) = 1.245 BETAT (2) = -4.050
 X/LS .985 1.000
 PHI
 .000 -.4170 -.4490
 90.000 -.4090
 180.000 -.4450
 270.000 -.4430

MACH (2) = 1.249 BETAT (3) = .020
 X/LS .985 1.000
 PHI
 .000 -.3820 -.4070
 90.000 -.3640
 180.000 -.4010
 270.000 -.4010

MACH (2) = 1.245 BETAT (4) = 4.130
 X/LS .985 1.000
 PHI
 .000 -.3870 -.4030
 90.000 -.3640
 180.000 -.3990
 270.000 -.3990

MACH (2) = 1.247 BETAT (5) = 8.250
 X/LS .985 1.000
 PHI
 .000 -.3590 -.3860
 90.000 -.3570
 180.000 -.3810
 270.000 -.3810

CM

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RBNX31) (18 JUL 73)

REFERENCE DATA

SRFP = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LRFP = 39.8490 INCHES YMRP = .0000 INCHES
 BRFP = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LS	.985	1.000
PHI		
.000	-.5110	-.5230
90.000	-.4780	
180.000	-.5090	
270.000	-.5140	

MACH (1) = 1.101 BETAT (2) = -4.090

X/LS	.985	1.000
PHI		
.000	-.4810	-.5040
90.000	-.4510	
180.000	-.4970	
270.000	-.4980	

MACH (1) = 1.099 BETAT (3) = .020

X/LS	.985	1.000
PHI		
.000	-.4550	-.4800
90.000	-.4290	
180.000	-.4740	
270.000	-.4680	

MACH (1) = 1.098 BETAT (4) = 4.140

X/LS	.985	1.000
PHI		
.000	-.4100	-.4260
90.000	-.4000	
180.000	-.4260	
270.000	-.4220	

MACH (1) = 1.097 BETAT (5) = 8.280

X/LS	.985	1.000
PHI		
.000	-.4180	-.4420
90.000	-.3890	
180.000	-.4340	
270.000	-.4330	

MACH (2) = 1.247 BETAT (1) = -8.140

X/LS	.985	1.000
PHI		
.000	-.4430	-.4530
90.000	-.4150	
180.000	-.4400	
270.000	-.4470	

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
 RUOTER = -15.000 ELEVON = .000
 RUOFLR = .000

DATE 21 SEP 79

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RM031)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (2) = -4.060

X/LS	.985	1.000
PHI	.000	-4.430
90.000	-.3940	
180.000	-.4380	
270.000	-.4310	

MACH (2) = 1.251 BETAT (3) = .020

X/LS	.985	1.000
PHI	.000	-.3930
90.000	-.3650	
180.000	-.4020	
270.000	-.4000	

MACH (2) = 1.251 BETAT (4) = 4.120

X/LS	.985	1.000
PHI	.000	-.3810
90.000	-.3650	
180.000	-.3910	
270.000	-.3910	

MACH (2) = 1.250 BETAT (5) = 8.230

X/LS	.985	1.000
PHI	.000	-.3530
90.000	-.3540	
180.000	-.3750	
270.000	-.3720	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

PAGE 3103

AVES 11-707 1A9 02A + S2 + T9 SPW BOOSTER BASE

(RBNV32) (18 JUL 73)

REFERENCE DATA

STEP = 2.4210 SQ.FT. WWP = 29.5300 INCHES
 LPEP = 39.8490 INCHES WGP = 10000 INCHES
 STEP = 39.8490 INCHES ZWP = 10000 INCHES
 SCALE = 100% SCALE

PARAMETRIC DATA

ALPHA = -4.000 DEGREE = .500
 RUDDER = -15.000 DEGREE = .000
 RUDDER = .000

SECTION (1) SPW BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -0.200
 X/LS .995 1.000
 Y/LS
 .000 -1.5010 -1.5060
 90.000 -1.4800
 180.000 -1.4950
 270.000 -1.5010

MACH (1) = 1.099 BETAT (2) = -4.090
 X/LS .995 1.000
 Y/LS
 .000 -1.4730 -1.4900
 90.000 -1.4520
 180.000 -1.4820
 270.000 -1.4970

MACH (1) = 1.100 BETAT (3) = .000
 X/LS .995 1.000
 Y/LS
 .000 -1.4450 -1.4650
 90.000 -1.4300
 180.000 -1.4820
 270.000 -1.4590

MACH (1) = 1.102 BETAT (4) = 4.130
 X/LS .995 1.000
 Y/LS
 .000 -1.3910 -1.3970
 90.000 -1.3760
 180.000 -1.4050
 270.000 -1.3990

MACH (1) = 1.101 BETAT (5) = 0.260
 X/LS .995 1.000
 Y/LS
 .000 -1.4150 -1.4370
 90.000 -1.3940
 180.000 -1.4370
 270.000 -1.4390

MACH (2) = 1.249 BETAT (1) = -0.150
 X/LS .995 1.000
 Y/LS
 .000 -1.4320 -1.4420
 90.000 -1.4180
 180.000 -1.4250
 270.000 -1.4350

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REV02)

AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

DEPENDENT VARIABLE CF

SECTION (1) SRM BOOSTER BASE

MACH (2) = 1.250 BETAT (2) = -4.060

X/LS	.985	1.000
PHI		
.000	-.4180	-.4400
90.000	-.3940	
180.000	-.4240	
270.000	-.4320	

MACH (2) = 1.250 BETAT (3) = .020

X/LS	.985	1.000
PHI		
.000	-.3810	-.4020
90.000	-.3630	
180.000	-.3950	
270.000	-.3950	

MACH (2) = 1.246 BETAT (4) = 4.110

X/LS	.985	1.000
PHI		
.000	-.3670	-.3760
90.000	-.3630	
180.000	-.3790	
270.000	-.3750	

MACH (2) = 1.246 BETAT (5) = 8.210

X/LS	.985	1.000
PHI		
.000	-.3580	-.3830
90.000	-.3550	
180.000	-.3830	
270.000	-.3820	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(REMOVED) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 ORSINC = .500
 RUDDER = -15.000 ELEVON = .000
 RUDDLR = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.200
 X/LS .985 1.000
 PHI
 .000 -.4770 -.4880
 90.000 -.4430
 180.000 -.4760
 270.000 -.4830

MACH (1) = 1.101 BETAT (2) = -4.090
 X/LS .985 1.000
 PHI
 .000 -.4530 -.4740
 90.000 -.4410
 180.000 -.4640
 270.000 -.4820

MACH (1) = 1.100 BETAT (3) = .020
 X/LS .985 1.000
 PHI
 .000 -.4270 -.4550
 90.000 -.4290
 180.000 -.4440
 270.000 -.4430

MACH (1) = 1.101 BETAT (4) = 4.130
 X/LS .985 1.000
 PHI
 .000 -.3920 -.4230
 90.000 -.3870
 180.000 -.4120
 270.000 -.4050

MACH (1) = 1.099 BETAT (5) = 8.250
 X/LS .985 1.000
 PHI
 .000 -.4290 -.4460
 90.000 -.3950
 180.000 -.4470
 270.000 -.4440

MACH (2) = 1.247 BETAT (1) = -8.150
 X/LS .985 1.000
 PHI
 .000 -.4210 -.4380
 90.000 -.3980
 180.000 -.4240
 270.000 -.4290

DATE 21 SEP 73 TABULATED PRESSURE DATA -- IASA

(RSMV33)

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE

MACH (2) = 1.246 BETAT (2) = -4.060

DEPENDENT VARIABLE CP	X/LS	.985	1.000
PHI	.000	-.4030	-.4190
	90.000	-.3880	
	180.000	-.4150	
	270.000	-.4120	

MACH (2) = 1.250 BETAT (3) = .020

DEPENDENT VARIABLE CP	X/LS	.985	1.000
PHI	.000	-.3720	-.3920
	90.000	-.3630	
	180.000	-.3860	
	270.000	-.3840	

MACH (2) = 1.250 BETAT (4) = 4.110

DEPENDENT VARIABLE CP	X/LS	.985	1.000
PHI	.000	-.3670	-.3870
	90.000	-.3610	
	180.000	-.3880	
	270.000	-.3830	

MACH (2) = 1.248 BETAT (5) = 8.220

DEPENDENT VARIABLE CP	X/LS	.985	1.000
PHI	.000	-.3590	-.3790
	90.000	-.3440	
	180.000	-.3890	
	270.000	-.3810	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-737 1A9 02A + S3 + T9 SRM BOOSTER BASE

GEM34) (19 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .03000 SCALE

PARAMETRIC DATA

ALPHAT = .020 CORNINC = .550
 ROTTER = -15.000 ELEVON = .000
 RUOTER = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (1) = -0.200

X/LS	.985	1.000
PHI		
.000	-.4750	-.4910
90.000	-.4460	
180.000	-.4810	
270.000	-.4820	

MACH (1) = 1.100 BETAT (2) = -4.090

X/LS	.985	1.000
PHI		
.000	-.4510	-.4700
90.000	-.4360	
180.000	-.4640	
270.000	-.4610	

MACH (1) = 1.099 BETAT (3) = .020

X/LS	.985	1.000
PHI		
.000	-.4280	-.4460
90.000	-.4200	
180.000	-.4370	
270.000	-.4390	

MACH (1) = 1.100 BETAT (4) = 4.130

X/LS	.985	1.000
PHI		
.000	-.3940	-.4270
90.000	-.3980	
180.000	-.4280	
270.000	-.4290	

MACH (1) = 1.099 BETAT (5) = 8.250

X/LS	.985	1.000
PHI		
.000	-.4410	-.4460
90.000	-.3970	
180.000	-.4550	
270.000	-.4560	

MACH (2) = 1.249 BETAT (1) = -0.160

X/LS	.985	1.000
PHI		
.000	-.4210	-.4360
90.000	-.3960	
180.000	-.4250	
270.000	-.4290	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RBM34)

AVES 11-707 1A9 CBA + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (2) = -4.070
 X/LS .985 1.000
 PHI
 .000 -.4090 -.4180
 90.000 -.3890
 180.000 -.4150
 270.000 -.4110

MACH (2) = 1.249 BETAT (3) = .020
 X/LS .985 1.000
 PHI
 .000 -.3690 -.3860
 90.000 -.3630
 180.000 -.3810
 270.000 -.3790

MACH (2) = 1.245 BETAT (4) = 4.110
 X/LS .985 1.000
 PHI
 .000 -.3580 -.3760
 90.000 -.3630
 180.000 -.3830
 270.000 -.3800

MACH (2) = 1.247 BETAT (5) = 8.200
 X/LS .985 1.000
 PHI
 .000 -.3730 -.3930
 90.000 -.3460
 180.000 -.3920
 270.000 -.3910

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 Q2A + S3 + T9 SRM BOOSTER BASE

(REV03) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YMRP = .0000 INCHES
 BREF = 39.8490 INCHES ZMRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 2.0000 OPRINC = .5000
 RUDER = -.05.000 ELEVON = .0000
 RUDELE = .0000

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.210
 X/LS .985 1.000
 PHI .000 -.4680 -.4710
 90.000 -.4350
 180.000 -.4710
 270.000 -.4720

MACH (1) = 1.095 BETAT (2) = -4.090
 X/LS .985 1.000
 PHI .000 -.4470 -.4680
 90.000 -.4340
 180.000 -.4680
 270.000 -.4570

MACH (1) = 1.099 BETAT (3) = .020
 X/LS .985 1.000
 PHI .000 -.4240 -.4430
 90.000 -.4200
 180.000 -.4400
 270.000 -.4350

MACH (1) = 1.101 BETAT (4) = 4.130
 X/LS .985 1.000
 PHI .000 -.4160 -.4370
 90.000 -.4130
 180.000 -.4470
 270.000 -.4400

MACH (1) = 1.106 BETAT (5) = 8.250
 X/LS .985 1.000
 PHI .000 -.4300 -.4600
 90.000 -.4020
 180.000 -.4570
 270.000 -.4510

MACH (2) = 1.248 BETAT (1) = -8.160
 X/LS .985 1.000
 PHI .000 -.4210 -.4340
 90.000 -.3950
 180.000 -.4210
 270.000 -.4310

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AMES 11-707 1A9 02A + S3 + T9 SEM BOOSTER BASE

REV 331

SECTION (1) SEM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (2) = -4.070

X/LS	.985	1.000
PHI		
.000	-.3890	-.4060
90.000	-.3750	
180.000	-.4040	
270.000	-.4010	

MACH (2) = 1.250 BETAT (3) = .000

X/LS	.985	1.000
PHI		
.000	-.3710	-.3850
90.000	-.3630	
180.000	-.3840	
270.000	-.3810	

MACH (2) = 1.248 BETAT (4) = 4.100

X/LS	.985	1.000
PHI		
.000	-.3800	-.3980
90.000	-.3710	
180.000	-.4030	
270.000	-.3970	

MACH (2) = 1.248 BETAT (5) = 8.200

X/LS	.985	1.000
PHI		
.000	-.3720	-.3950
90.000	-.3550	
180.000	-.3990	
270.000	-.3950	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AXES 11-757 1A9 02A + S3 + T9 SEM BOOSTER BASE

(SMASS) (18 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XREF = 28.5350 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

ALPHAT = 4.000 OBTAINC = .500
 RLODSE = -15.000 ELETEN = .000
 ROPFLR = .000

PARAMETRIC DATA

DEPENDENT VARIABLE CP

SECTION (1) SEM BOOSTER BASE

MACH (1) = 1.103 BETAT (1) = -8.200

X/LS	.985	1.000
PHI	.000	-.4590
90.000	-.4250	
180.000	-.4550	
270.000	-.4630	

MACH (1) = 1.099 BETAT (2) = -4.090

X/LS	.985	1.000
PHI	.000	-.4930
90.000	-.4180	
180.000	-.4530	
270.000	-.4680	

MACH (1) = 1.098 BETAT (3) = .020

X/LS	.985	1.000
PHI	.000	-.4290
90.000	-.4310	
180.000	-.4540	
270.000	-.4510	

MACH (1) = 1.094 BETAT (4) = 4.140

X/LS	.985	1.000
PHI	.000	-.4640
90.000	-.4400	
180.000	-.4700	
270.000	-.4780	

MACH (1) = 1.100 BETAT (5) = 8.260

X/LS	.985	1.000
PHI	.000	-.4460
90.000	-.4270	
180.000	-.4750	
270.000	-.4740	

MACH (2) = 1.248 BETAT (1) = -8.150

X/LS	.985	1.000
PHI	.000	-.4190
90.000	-.3930	
180.000	-.4600	
270.000	-.4220	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AVCS 11-707 1A9 CDA + S3 + 19 SEM BOOSTER BASE

GENAS

SECTION (1) SEM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.060

X/LS	.985	1.000
PHI		
.000	-.3950	-.4080
90.000	-.3910	
180.000	-.4110	
270.000	-.4080	

MACH (2) = 1.249 BETAT (3) = .000

X/LS	.985	1.000
PHI		
.000	-.3720	-.3910
90.000	-.3730	
180.000	-.3890	
270.000	-.3870	

MACH (2) = 1.245 BETAT (4) = 4.110

X/LS	.985	1.000
PHI		
.000	-.3910	-.4060
90.000	-.3770	
180.000	-.4080	
270.000	-.4030	

MACH (2) = 1.246 BETAT (5) = 8.210

X/LS	.985	1.000
PHI		
.000	-.3780	-.4110
90.000	-.3720	
180.000	-.4140	
270.000	-.4080	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RBVX37) (18 JUL 73)

REFERENCE DATA

SRE = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 BREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 6.000 ORBINC = .500
 RUDDER = -15.000 ELEVON = .000
 RUOFFL = .000

DEPENDENT VARIABLE CP

SECTION (1) SRM BOOSTER BASE

MACH (1) = 1.100 BETAT (1) = -8.180 X/LS .985 1.000
 PHI .000 -.4590 -.4650
 90.000 -.4270
 180.000 -.4610
 270.000 -.4620

SECTION (2) SRM BOOSTER BASE

MACH (1) = 1.100 BETAT (2) = -4.080 X/LS .985 1.000
 PHI .000 -.4390 -.4590
 90.000 -.4270
 180.000 -.4610
 270.000 -.4550

SECTION (3) SRM BOOSTER BASE

MACH (1) = 1.098 BETAT (3) = .010 X/LS .985 1.000
 PHI .000 -.4400 -.4740
 90.000 -.4490
 180.000 -.4680
 270.000 -.4610

SECTION (4) SRM BOOSTER BASE

MACH (1) = 1.100 BETAT (4) = 4.140 X/LS .985 1.000
 PHI .000 -.4630 -.4850
 90.000 -.4540
 180.000 -.4950
 270.000 -.4820

SECTION (5) SRM BOOSTER BASE

MACH (1) = 1.099 BETAT (5) = 8.280 X/LS .985 1.000
 PHI .000 -.4520 -.4910
 90.000 -.4480
 180.000 -.4930
 270.000 -.4910

SECTION (6) SRM BOOSTER BASE

MACH (2) = 1.247 BETAT (1) = -8.130 X/LS .985 1.000
 PHI .000 -.4210 -.4260
 90.000 -.3920
 180.000 -.4210
 270.000 -.4250

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(RSN1377)

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (2) = -4.050

X/LS	.985	1.000
PHI		
	.000	-.3950
	90.000	-.3860
	180.000	-.4110
	270.000	-.4090

MACH (2) = 1.247 BETAT (3) = .020

X/LS	.985	1.000
PHI		
	.000	-.3610
	90.000	-.3870
	180.000	-.4010
	270.000	-.3960

MACH (2) = 1.252 BETAT (4) = 4.120

X/LS	.985	1.000
PHI		
	.000	-.4000
	90.000	-.3870
	180.000	-.4170
	270.000	-.4150

MACH (2) = 1.247 BETAT (5) = 8.230

X/LS	.985	1.000
PHI		
	.000	-.3960
	90.000	-.3920
	180.000	-.4280
	270.000	-.4250

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 CCA + S3 + T9 SRM BOOSTER BASE

(RBM308) (28 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMR = 28.5300 INCHES
LREF = 39.8490 INCHES YMR = .0000 INCHES
BREF = 39.8490 INCHES ZMR = .0000 INCHES
SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
RUDER = -15.000 ELEVON = .000
RUFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) SRM BOOSTER BASE

MACH (1) = 1.099 BETAT (1) = -8.170
X/LS .985 1.000
PHI
.000 -.4680 -.4710
90.000 -.4300
180.000 -.4650
270.000 -.4680

MACH (1) = 1.099 BETAT (2) = -4.070
X/LS .985 1.000
PHI
.000 -.4620 -.4790
90.000 -.4430
180.000 -.4770
270.000 -.4750

MACH (1) = 1.099 BETAT (3) = .020
X/LS .985 1.000
PHI
.000 -.4660 -.4980
90.000 -.4730
180.000 -.4970
270.000 -.4860

MACH (1) = 1.095 BETAT (4) = 4.160
X/LS .985 1.000
PHI
.000 -.4810 -.5150
90.000 -.4850
180.000 -.5070
270.000 -.5150

MACH (1) = 1.097 BETAT (5) = 8.310
X/LS .985 1.000
PHI
.000 -.4760 -.5130
90.000 -.4750
180.000 -.5120
270.000 -.5040

MACH (2) = 1.245 BETAT (1) = -8.110
X/LS .985 1.000
PHI
.000 -.4310 -.4340
90.000 -.4120
180.000 -.4310
270.000 -.4340

DATE 2: SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS)

AMES 11-707 1A9 OCA + S3 + T9 SRM BOOSTER BASE

DEPENDENT VARIABLE CP

SECTION (1) SRM BOOSTER BASE

MACH (2) = 1.251 BETAT (2) = -4.040

X/LS	.985	1.000
PHI		
.000	-.3990	-.4160
90.000	-.3980	
180.000	-.4190	
270.000	-.4190	

MACH (2) = 1.246 BETAT (3) = .020

X/LS	.985	1.000
PHI		
.000	-.3930	-.4120
90.000	-.4000	
180.000	-.4120	
270.000	-.4100	

MACH (2) = 1.245 BETAT (4) = 4.130

X/LS	.985	1.000
PHI		
.000	-.4020	-.4260
90.000	-.4050	
180.000	-.4260	
270.000	-.4230	

MACH (2) = 1.245 BETAT (5) = 8.250

X/LS	.985	1.000
PHI		
.000	-.4090	-.4420
90.000	-.4090	
180.000	-.4420	
270.000	-.4380	

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMARKS) (16 JUL 73)

AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

REFERENCE DATA

SREF = 2.4210 SQ.FT. XCRP = 28.5300 INCHES
LREF = 39.8490 INCHES YCRP = .0000 INCHES
EREF = 39.8490 INCHES ZCRP = .0000 INCHES
SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
RUSTER = -5.000 ELEVON = .000
RUDEFLR = .000

DEPENDENT VARIABLE OF

SECTION (1) SRM BOOSTER BASE

MACH (1) = 1.105 BETAT (1) = -8.180 X/LS .985 1.000
PHI .000 -.5120 -.5270
90.000 -.4890
180.000 -.5160
270.000 -.5170

MACH (1) = 1.097 BETAT (2) = -4.070 X/LS .985 1.000
PHI .000 -.4770 -.5130
90.000 -.4590
180.000 -.5070
270.000 -.5050

MACH (2) = 1.098 BETAT (3) = .020 X/LS .985 1.000
PHI .000 -.4430 -.4730
90.000 -.4210
180.000 -.4740
270.000 -.4650

MACH (3) = 1.104 BETAT (4) = 4.160 X/LS .985 1.000
PHI .000 -.4020 -.4230
90.000 -.3790
180.000 -.4270
270.000 -.4260

MACH (1) = 1.099 BETAT (5) = 8.310 X/LS .985 1.000
PHI .000 -.4050 -.4370
90.000 -.3780
180.000 -.4310
270.000 -.4310

MACH (2) = 1.251 BETAT (1) = -8.120 X/LS .985 1.000
PHI .000 -.4410 -.4610
90.000 -.4210
180.000 -.4410
270.000 -.4490

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REV 39)

AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = 1.249	BETAT (2) = -4.090	X/LS	.985	1.000
		PHI		
		.000	-.4170	-.4490
		90.000	-.4060	
		180.000	-.4430	
		270.000	-.4400	
MACH (2) = 1.246	BETAT (3) = .020	X/LS	.985	1.000
		PHI		
		.000	-.3890	-.4090
		90.000	-.3650	
		180.000	-.4030	
		270.000	-.4010	
MACH (2) = 1.246	BETAT (4) = 4.130	X/LS	.985	1.000
		PHI		
		.000	-.3870	-.4040
		90.000	-.3650	
		180.000	-.3990	
		270.000	-.3980	
MACH (2) = 1.245	BETAT (5) = 8.290	X/LS	.985	1.000
		PHI		
		.000	-.3580	-.3840
		90.000	-.3590	
		180.000	-.3840	
		270.000	-.3810	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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ANES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(REMOVED) (10 JUL 73)

REFERENCE DATA

SREF = 2.4210 S3.FT. XCRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YCRP = .0000 INCHES
 BREF = 39.8490 INCHES ZCRP = .0000 INCHES
 SCALE = .0000 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUOFLR = .000

DEPENDENT VARIABLE CP

SECTION (1) SRM BOOSTER BASE

MACH (1) = 1.101 BETAT (1) = -8.190
 X/LS .985 1.000
 PHI
 .000 -.4900 -.4990
 90.000 -.4610
 180.000 -.4880
 270.000 -.4930

MACH (1) = 1.101 BETAT (2) = -4.080
 X/LS .985 1.000
 PHI
 .000 -.4680 -.4790
 90.000 -.4450
 180.000 -.4740
 270.000 -.4720

MACH (1) = 1.101 BETAT (3) = .020
 X/LS .985 1.000
 PHI
 .000 -.4430 -.4590
 90.000 -.4280
 180.000 -.4580
 270.000 -.4570

MACH (1) = 1.099 BETAT (4) = 4.140
 X/LS .985 1.000
 PHI
 .000 -.3930 -.4110
 90.000 -.3850
 180.000 -.4090
 270.000 -.4090

MACH (1) = 1.100 BETAT (5) = 8.260
 X/LS .985 1.000
 PHI
 .000 -.4230 -.4410
 90.000 -.3840
 180.000 -.4380
 270.000 -.4370

MACH (2) = 1.244 BETAT (1) = -8.150
 X/LS .985 1.000
 PHI
 .000 -.4290 -.4350
 90.000 -.4030
 180.000 -.4250
 270.000 -.4330

(CSM4611)

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

AM'S 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

DEPENDENT VARIABLE CP

SECTION (1) SRM BOOSTER BASE

MACH (2) = 1.245 BETAT (2) = -4.060

X/LS	.985	1.000
PHI		
.000	-.4140	-.4350
90.000	-.3910	
180.000	-.4240	
270.000	-.4270	

MACH (2) = 1.248 BETAT (3) = .010

X/LS	.985	1.000
PHI		
.000	-.3840	-.4030
90.000	-.3650	
180.000	-.3980	
270.000	-.3980	

MACH (2) = 1.252 BETAT (4) = 4.110

X/LS	.985	1.000
PHI		
.000	-.3710	-.3820
90.000	-.3650	
180.000	-.3840	
270.000	-.3810	

MACH (2) = 1.250 BETAT (5) = 8.210

X/LS	.985	1.000
PHI		
.000	-.3570	-.3800
90.000	-.3590	
180.000	-.3780	
270.000	-.3760	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(REMARK) (18 JUL 73)

REFERENCE DATA

SRFP = 2.4210 SQ.FT. XCRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YCRP = .0000 INCHES
 BRFP = 39.8490 INCHES ZCRP = .0000 INCHES
 SCALE = .0300 SCALE

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

X/LS	.985	1.000
PHI	.000	-.4600
90.000	-.4340	
180.000	-.4750	
270.000	-.4740	

MACH (1) = 1.098 BETAT (2) = -4.090

X/LS	.985	1.000
PHI	.000	-.4600
90.000	-.4380	
180.000	-.4620	
270.000	-.4580	

MACH (1) = 1.100 BETAT (3) = .020

X/LS	.985	1.000
PHI	.000	-.4540
90.000	-.4240	
180.000	-.4410	
270.000	-.4360	

MACH (1) = 1.100 BETAT (4) = 4.130

X/LS	.985	1.000
PHI	.000	-.4310
90.000	-.4040	
180.000	-.4280	
270.000	-.4300	

MACH (1) = 1.100 BETAT (5) = 8.250

X/LS	.985	1.000
PHI	.000	-.4580
90.000	-.4090	
180.000	-.4540	
270.000	-.4580	

MACH (2) = 1.247 BETAT (1) = -8.160

X/LS	.985	1.000
PHI	.000	-.4370
90.000	-.3950	
180.000	-.4270	
270.000	-.4280	

PARAMETRIC DATA

ALPHA = .000 ORBINC = .500
 RUDDER = -5.000 ELEVON = .000
 RUFLR = .000

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(PENN41)

SECTION (1) SRM BOOSTER BASE		DEPENDENT VARIABLE CP	
MACH (2) = 1.251	BETAT (2) = -4.565	X/LS	.985 1.000
		PHI	.000 -4.4010 -4.4190
		90.000	-3.890
		180.000	-4.4150
		270.000	-4.4120
MACH (2) = 1.246	BETAT (3) = .020	X/LS	.985 1.000
		PHI	.000 -3.680 -3.680
		90.000	-3.645
		180.000	-3.820
		270.000	-3.820
MACH (2) = 1.247	BETAT (4) = 4.110	X/LS	.985 1.000
		PHI	.000 -3.655 -3.840
		90.000	-3.670
		180.000	-3.860
		270.000	-3.800
MACH (2) = 1.246	BETAT (5) = 8.270	X/LS	.985 1.000
		PHI	.000 -3.720 -3.930
		90.000	-3.520
		180.000	-3.910
		270.000	-3.920

DATE 21 SEP 73

TABULATED PRESSURE DATA - IASA

PAGE 3123

AVES 11-707 IAS QCA + S3 + T9 SRM BOOSTER BASE

GSM42) (18 JUL 73)

REFERENCE DATA

SEEP = 2.4210 SQ.FT. XREF = 24.3300 INCHES
 LREF = 39.8490 INCHES YREF = .0000 INCHES
 BREF = 39.8490 INCHES ZREF = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 4.000 OREFAC = .500
 RUDDER = -5.000 ELEVON = .000
 RUDDER = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.100

X/LS	.985	1.000
PHI		
.000	-.4570	-.4640
90.000	-.4250	
180.000	-.4330	
270.000	-.4590	

MACH (1) = 1.102 BETAT (2) = -4.090

X/LS	.985	1.000
PHI		
.000	-.4330	-.4540
90.000	-.4310	
180.000	-.4640	
270.000	-.4560	

MACH (1) = 1.098 BETAT (3) = .020

X/LS	.985	1.000
PHI		
.000	-.4270	-.4430
90.000	-.4340	
180.000	-.4400	
270.000	-.4410	

MACH (1) = 1.099 BETAT (4) = 4.140

X/LS	.985	1.000
PHI		
.000	-.4520	-.4770
90.000	-.4390	
180.000	-.4780	
270.000	-.4770	

MACH (1) = 1.100 BETAT (5) = 8.260

X/LS	.985	1.000
PHI		
.000	-.4480	-.4830
90.000	-.4280	
180.000	-.4810	
270.000	-.4750	

MACH (2) = 1.245 BETAT (1) = -8.140

X/LS	.985	1.000
PHI		
.000	-.4210	-.4270
90.000	-.3950	
180.000	-.4180	
270.000	-.4250	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

(REV 42)

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (2) = -4.060

X/LS	.985	1.000
PHI		
.000	-.3920	-.4050
90.000	-.3780	
180.000	-.4080	
270.000	-.4070	

MACH (2) = 1.249 BETAT (3) = .020

X/LS	.985	1.000
PHI		
.000	-.3730	-.3890
90.000	-.3720	
180.000	-.3880	
270.000	-.3870	

MACH (2) = 1.247 BETAT (4) = 4.110

X/LS	.985	1.000
PHI		
.000	-.3930	-.4110
90.000	-.3780	
180.000	-.4100	
270.000	-.4050	

MACH (2) = 1.246 BETAT (5) = 8.210

X/LS	.985	1.000
PHI		
.000	-.3780	-.4130
90.000	-.3770	
180.000	-.4210	
270.000	-.4110	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

REMARKS: 1 1/2 IN DIA 73

REFERENCE DATA

SRF = 2.4210 SQ.FT. XWRP = 28.5500 INCHES
 LREF = 39.9490 INCHES YWRP = .0000 INCHES
 BREF = 39.8490 INCHES ZWRP = .0000 INCHES
 SCALE = .0310 SCALE

PARAMETRIC DATA

ALPHA = 8.000 OREFINC = .500
 ROTTER = -5.000 ELEVON = .000
 ROTCS = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE C_p

MACH (1) = 1.101 BETAT (1) = -8.160 X/LS .985 1.000
 PHI
 .000 -.4660 -.4740
 90.000 -.4280
 180.000 -.4640
 270.000 -.4650

MACH (1) = 1.097 BETAT (2) = -4.070 X/LS .985 1.000
 PHI
 .000 -.4600 -.4790
 90.000 -.4440
 180.000 -.4810
 270.000 -.4820

MACH (1) = 1.101 BETAT (3) = .040 X/LS .985 1.000
 PHI
 .000 -.4570 -.4800
 90.000 -.4560
 180.000 -.4770
 270.000 -.4820

MACH (1) = 1.099 BETAT (4) = 4.150 X/LS .985 1.000
 PHI
 .000 -.4770 -.5100
 90.000 -.4790
 180.000 -.5070
 270.000 -.5100

MACH (1) = 1.099 BETAT (5) = 8.300 X/LS .985 1.000
 PHI
 .000 -.4750 -.5250
 90.000 -.4780
 180.000 -.5150
 270.000 -.5100

MACH (2) = 1.245 BETAT (1) = -8.110 X/LS .985 1.000
 PHI
 .000 -.4290 -.4330
 90.000 -.4010
 180.000 -.4310
 270.000 -.4340

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A
 AVES 11-707 IAP 024 + S3 + T9 SRV BOOSTER BASE

(20/20)

DEPENDENT VARIABLE CP

SECTION (1) SRV BOOSTER BASE

MACH (2) = 1.249 BETAT (2) = -4.040

X/LS	.985	1.000
PHI	.000	-.4020
		-.4150
90.000	-.4000	
180.000	-.4220	
270.000	-.4210	

MACH (2) = 1.246 BETAT (3) = .020

X/LS	.985	1.000
PHI	.000	-.3990
		-.4150
90.000	-.4030	
180.000	-.4150	
270.000	-.4120	

MACH (2) = 1.245 BETAT (4) = 4.130

X/LS	.985	1.000
PHI	.000	-.4070
		-.4350
90.000	-.4090	
180.000	-.4300	
270.000	-.4260	

MACH (2) = 1.246 BETAT (5) = 8.250

X/LS	.985	1.000
PHI	.000	-.4100
		-.4460
90.000	-.4130	
180.000	-.4230	
270.000	-.4440	

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-7:17 1A9 02A + S3 + T9 SRM BOOSTER BASE

(REV 44) (17 JUL 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XGRP = 28.5300 INCHES
 LREF = 39.8490 INCHES YGRP = .0000 INCHES
 SREF = 39.8490 INCHES ZGRP = .0000 INCHES
 SCALE = .0300 SCALE

PARAMETRIC DATA

BETAT = .000 QRSINC = -1.2000
 RUDDER = .000 ELEVON = .000
 RUFLR = .000

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (1) = .600 ALPHAT (1) = -8.050

X/LS	.985	1.000
PHI		
.000	-.3230	-.3660
90.000	-.3060	
180.000	-.3700	
270.000	-.3690	

MACH (1) = .600 ALPHAT (2) = -5.990

X/LS	.985	1.000
PHI		
.000	-.3050	-.3590
90.000	-.3030	
180.000	-.3610	
270.000	-.3480	

MACH (1) = .598 ALPHAT (3) = -3.990

X/LS	.985	1.000
PHI		
.000	-.3180	-.3610
90.000	-.2960	
180.000	-.3520	
270.000	-.3530	

MACH (1) = .599 ALPHAT (4) = -1.970

X/LS	.985	1.000
PHI		
.000	-.2920	-.3550
90.000	-.2890	
180.000	-.3340	
270.000	-.3420	

MACH (1) = .600 ALPHAT (5) = .060

X/LS	.985	1.000
PHI		
.000	-.3100	-.3390
90.000	-.2830	
180.000	-.3360	
270.000	-.3420	

MACH (1) = .600 ALPHAT (6) = 2.070

X/LS	.985	1.000
PHI		
.000	-.3020	-.3510
90.000	-.2660	
180.000	-.3360	
270.000	-.3410	

(334444)

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A
 ANES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE		DEPENDENT VARIABLE CP	
MACH (1) =	.650	ALPHAT(7) =	4.010
	X/LS		.985
	PHI		1.000
			.000
			-.3200
			-.3540
			90.000
			-.2760
			180.000
			-.3560
			270.000
			-.3330
MACH (1) =	.598	ALPHAT(8) =	6.040
	X/LS		.985
	PHI		1.000
			.000
			-.3300
			-.3640
			90.000
			-.2810
			180.000
			-.3590
			270.000
			-.3470
MACH (1) =	.599	ALPHAT(9) =	8.020
	X/LS		.985
	PHI		1.000
			.000
			-.3280
			-.3700
			90.000
			-.2890
			180.000
			-.3690
			270.000
			-.3670
MACH (2) =	.501	ALPHAT(1) =	-8.070
	X/LS		.985
	PHI		1.000
			.000
			-.3700
			-.3960
			90.000
			-.3470
			180.000
			-.4160
			270.000
			-.3970
MACH (2) =	.501	ALPHAT(2) =	-6.030
	X/LS		.985
	PHI		1.000
			.000
			-.3450
			-.3890
			90.000
			-.3480
			180.000
			-.3750
			270.000
			-.3700
MACH (2) =	.699	ALPHAT(3) =	-4.020
	X/LS		.985
	PHI		1.000
			.000
			-.3230
			-.3690
			90.000
			-.3400
			180.000
			-.3570
			270.000
			-.3460
MACH (2) =	.900	ALPHAT(4) =	-1.690
	X/LS		.985
	PHI		1.000
			.000
			-.3050
			-.3600
			90.000
			-.3300
			180.000
			-.3510
			270.000
			-.3500

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

REMARK:

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (3) = 1.100 ALPHAT(3) = -3.970
 X/L
 PHI
 .000 -.4470 -.4650
 90.000 -.4260
 180.000 -.4640
 270.000 -.4550

MACH (3) = 1.102 ALPHAT(4) = -1.990
 X/L
 PHI
 .000 -.4410 -.4610
 90.000 -.4380
 180.000 -.4610
 270.000 -.4530

MACH (3) = 1.100 ALPHAT(5) = .030
 X/L
 PHI
 .000 -.4270 -.4580
 90.000 -.4290
 180.000 -.4470
 270.000 -.4220

MACH (3) = 1.101 ALPHAT(6) = 2.040
 X/L
 PHI
 .000 -.4310 -.4520
 90.000 -.4260
 180.000 -.4480
 270.000 -.4380

MACH (3) = 1.102 ALPHAT(7) = 3.980
 X/L
 PHI
 .000 -.4330 -.4630
 90.000 -.4310
 180.000 -.4590
 270.000 -.4540

MACH (3) = 1.105 ALPHAT(8) = 6.030
 X/L
 PHI
 .000 -.4450 -.4710
 90.000 -.4540
 180.000 -.4700
 270.000 -.4690

MACH (3) = 1.102 ALPHAT(9) = 8.040
 X/L
 PHI
 .000 -.4620 -.4910
 90.000 -.4590
 180.000 -.4930
 270.000 -.4940

DATE 21 SEP 73

TABULATED PRESSURE DATA - 1A9A

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AVES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

(RBNV44)

SECTION (1) SRM BOOSTER BASE

DEPENDENT VARIABLE CP

MACH (4) = 1.247 ALPHAT(1) = -9.060

X/LS	.985	1.000
PHI		
.000	-.3890	-.4110
90.000	-.3650	
180.000	-.4040	
270.000	-.4050	

MACH (4) = 1.250 ALPHAT(2) = -5.960

X/LS	.985	1.000
PHI		
.000	-.3900	-.4130
90.000	-.3640	
180.000	-.4020	
270.000	-.4030	

MACH (4) = 1.247 ALPHAT(3) = -3.960

X/LS	.985	1.000
PHI		
.000	-.3890	-.4050
90.000	-.3690	
180.000	-.4000	
270.000	-.4020	

MACH (4) = 1.249 ALPHAT(4) = -2.000

X/LS	.985	1.000
PHI		
.000	-.3720	-.3890
90.000	-.3640	
180.000	-.3870	
270.000	-.3950	

MACH (4) = 1.248 ALPHAT(5) = .000

X/LS	.985	1.000
PHI		
.000	-.3690	-.3860
90.000	-.3650	
180.000	-.3950	
270.000	-.3920	

MACH (4) = 1.244 ALPHAT(6) = 2.070

X/LS	.985	1.000
PHI		
.000	-.3680	-.3870
90.000	-.3650	
180.000	-.3850	
270.000	-.3810	

MACH (4) = 1.248 ALPHAT(7) = 4.000

X/LS	.985	1.000
PHI		
.000	-.3750	-.3690
90.000	-.3820	
180.000	-.3960	
270.000	-.3910	

DATE 21 SEP 73 TABULATED PRESSURE DATA - 1A9A

(REMY44)

AXES 11-707 1A9 02A + S3 + T9 SRM BOOSTER BASE

SECTION (1) SRM BOOSTER BASE DEPENDENT VARIABLE CP

MACH (4) = 1.246 ALPHAT(8) = 6.030		X/LS	.985	1.000
		PHI		
		.000	-.3860	-.4020
		90.000	-.3970	
		180.000	-.4050	
		270.000	-.4030	
MACH (4) = 1.246 ALPHAT(9) = 8.010		X/LS	.985	1.000
		PHI		
		.000	-.3970	-.4190
		90.000	-.4080	
		180.000	-.4200	
		270.000	-.4180	